

gggatttact	tgtagtggca	agacagactt	tttatcaata	cagaataaat	attaacagca	180
ttcgtgagcc	aatgttgaga	cccaacaaaa	tgttaggaatc	aagcatgatg	taagaaataa	240
ttatccagag	aaaaagatgg	tgtattctcg	gatgataaga	ctgtctttgt	aaactgggtgc	300
atatcaatta	gtcccatcct	cacagctcac	cttcaaacca	cagggcttgt	ttctggctat	360
gttaaaggac	catcctctga	ggaaagcaga	ggagaggaac	tccattatcc	ttacagtga	420
acgcaaccac	tgcagaaaaa	ctccactgg	aatagaaca	cagtttaata	agtagattgg	480
atatgatcta	actataaaat	ttaggtacca	gagtaagtgt	acatgtggca	ggcccggaaa	540
aaaatcatgg	canttttctt	atccct				566

<210> 5955

<211> 564

<212> DNA

<213> Homo sapiens

<400> 5955

gaacaagagt	aacctatatt	ttgggagttg	gtgtgcaata	aggctaaaac	aaccaaatta	60
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acttatgtta	atgccttact	aagctacaca	tatgtaaata	gtatgttttc	ttgctaatat	180
attaaatcca	atagaatcat	taagttotca	ttctcctttg	tgacttgtaa	ctttatcaga	240
taatttaatg	atgaaagcat	atgcccacaa	ctgcagatca	tatgtactgt	catctattac	300
aaccagaatt	ctcctcacat	ttcatttttc	ttaaaggaa	attgagaata	cctgcaacat	360
cgtaaagag	aatgtttag	tgtgaataaa	aactagaact	cagtgggtcta	tgaagtatgt	420
attattttgg	caagtgattt	tttccttcct	aagaataaga	tgaacatgtc	caaattgtcc	480
tngccaact	tccagatccn	gaagtatnca	ggcttcattt	cctcaatgnc	ccaattagac	540
cgtctagtn	aaccgaatca	attt				564

<210> 5956

<211> 565

<212> DNA

<213> Homo sapiens

<400> 5956

gagctggagt	ttcactctta	ttgcccaggc	tggagtgcaa	tggcgtgac	tctgctcact	60
gcagcctccg	cctcccgggt	tcaagtgatt	ctcctgcctc	agcctcctga	gtagctgcga	120
ttagaggcac	ccaccaccac	gcccggctag	tttttttatt	tttagtagag	acgggatttc	180
accatgttgg	tcaggctgg	ctcgaactcc	tgaccttagg	caatccaccc	acctogaact	240
cccaaagtgc	tgggattaca	ggcatgagcc	actgtgcctg	gcctgctcat	ttctttttta	300
caatgaaaaa	tgttccactc	tctggatata	ccacagtta	tttttccatt	cacctactga	360
aagacatctt	ggttgctttc	aaattttggc	aattatgact	gaaactctta	aaaatatcca	420
tgtgtgggtt	cgtttttttt	gtgtgtgtgt	taagttttca	actcatttgg	gtaaatacca	480
aggagtatca	ttactggatc	atatggtaag	aagtccttca	gntttaagag	aaacttctat	540
ctggcttcca	agganctgga	atgaa				565

<210> 5957

<211> 562

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 5957

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tcattttgac	tgtcttataa	ctgggataag	ggtgcagcaa	caattctgcc	anatggttaa	180
atgccccaga	ggattttctgc	tcttctcttc	ctaatttggg	agctataaag	cagtttttac	240
tcccaacaca	aattcttgat	aaaaaccata	ctctttgctg	atTTTTcatg	ttagacatta	300
aggatgacat	gcaagtaaaa	aaaaaaaaaa	aaaagtagcc	ctgataccaa	gttaatatc	360
ccttgaaacc	ttacttggct	gctaaatttc	tttgttgaaa	accaacttat	aacaaattgg	420
ttatccggtt	agctTTTTtc	cctTTTTctt	ccattttctt	cttgctccct	ctttctctta	480
ctttttcctt	ttggcatgnt	taattagaga	acattttcta	taaggcntta	ttaagaataa	540
ttggccttaa	ggaatgatgg	an				562

<210> 5958

<211> 567

<212> DNA

<213> Homo sapiens

<400> 5958

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aaaaaaga	tcatttgcc	catcaatt	cagcaa	tgtggga	aaaaaa	180
gatggatt	tttgggga	gtatccatt	ttttaaat	gtgtgcac	cagattac	240
acttatata	actggctac	gcaggcag	ctaaaga	ggggtgtac	atgctttac	300
aatagaaata	cctctttg	gggggagg	agtgcctc	aatagaaat	accactct	360
agttacag	ttagtggc	attaatggg	atttaaatt	acagtaaaa	caaaaacaa	420
aacaaaaa	aacctatt	aattatgac	aatctatt	tttttaaac	ctatcttag	480
tagaccat	tcctacga	agatggcag	acagaatg	aggaagana	ggttggtc	540
aaaaagggt	tctggccan	aaacct				567

<210> 5959

<211> 546

<212> DNA

<213> Homo sapiens

<400> 5959

gagatagagt	cttgctctgt	tgcccaggct	ggaatgcagt	ggcacaatct	cagctcactg	60
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tacaggcaca	cactaccatg	ctcgaccaat	tttttgngtg	tttttggtag	anacagggtt	180
tcaccatgtt	ggccaggctg	gttttgaact	cctgacctca	ggngatccgt	ccacctcagc	240
ctcccaaagt	gctggattac	aggcatgagc	cactgngccc	agccctttca	cagatttttt	300
aaactcattt	agttgggttt	ctntaagaag	caacaaaata	aatattgcaa	aggaactgna	360
tattaatat	acaagtatat	gcaaatttgg	agtatccagg	tagtagggaa	agaggataaa	420
tactgaaaat	aaacaatcca	aatgtttttg	ggataaagat	cttgacagn	ctatgaactc	480
attcttaatc	tcaagctact	tggtcnaccc	attcgtttct	tggaacant	tgatggaac	540
nggaac						546

<210> 5960

<211> 553

09629459.072800

<212> DNA

<213> Homo sapiens

<400> 5960

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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	120
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	180
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	240
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	300
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	360
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	420
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	480
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	540
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<210> 5961

<211> 556

<212> DNA

<213> Homo sapiens

<400> 5961

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aaactagttc	tttcaaaaag	agctctgaat	tctgtctctg	gttagaaaag	gtgaacaatt	120
ctcagaactt	gggacatgat	ttttcttctc	tctcacttct	tataagcaga	tgcccttttt	180
cagggcattt	tcaggttgca	caggcagaac	taagtgagaa	atacggctcc	agaggccatt	240
cagtttgtct	gggtccatat	gattgtagga	gttgggtgtg	ttagaattgg	tgaacttgac	300
tttaagaaaa	tctcttactt	tttcttcaac	ttccttttagg	cctagacttg	ttccaagtgt	360
ctcttcctcc	aataagacag	tcaggactaa	ggctacatct	ttgaaggctg	cgttttcatg	420
gtcacaaat	ttgtagaaga	tcaaagtnaa	cctgcgggaa	atgctcaaaa	cggngaccac	480
actgcattct	gggccattct	taaaccatt	ggtcantctt	gggctacccc	tagtttggca	540
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<210> 5962

<211> 557

<212> DNA

<213> Homo sapiens

<400> 5962

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ccacctccca	ggttcaagcg	attttcatac	ctcagtcacc	cgagtagctg	ggattacagg	120
tgtgcgccat	cacacctggc	aaatttctgt	attttttagca	gagacggggt	ttcaccatgt	180
tggccaggct	ggtctcaaac	tcctgacctc	aggtgacctg	ctcgccctcag	cctcctaaag	240
tgctgggatc	acaagcgtaa	gccactgcgc	ccggcctagg	aggcttctaa	taaagattct	300
atcactccta	agaaggccta	gagacatgat	caggcctaga	cctgctgatg	attaccttgg	360
tatgggtgtga	taatgaagtc	cacactgagg	atgacagagc	tgagatgaag	aaaatctgga	420
tctttgcttg	gctcagttga	gtctctcgag	tctgctctac	catggggctt	cttaagtaaa	480
atatatcctt	ttttggtaga	aacagtgtct	tgctntgggc	caagntgaat	gontggngca	540
aacnttngnt	aattgga					557

<210> 5963
<211> 576
<212> DNA
<213> Homo sapiens

<400> 5963
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caacctccac ctcccagggt caaacgattc tcctgcctca gcctcccagag tagctgggac 120
tacaggggac tacagggtgt tgccaccatg cccagctaata ttttttggtg ttttttagtgg 180
agacgagggt tcaccgtgtt ggccaggatg gtctcgatct cctgacctcg tgatccgcct 240
gcctcagcct cccaaagtgt tgggattaca ggcatgagct gccgcacccg gccaaattct 300
tttaattcct tagacacagg ttagaggggg aacaatgctt aaaattccat ggaactaaga 360
tttttttttt atttttatatt ttttgagaca gagtcttgct ttgttgccca ggctggagtg 420
cagtggcaca atctcagctc actgcaacct ctgcctcctg ggttcaaagc aattctcctg 480
cctcagctnc caagtagctg ggactacagg caccaccac acacttaagt aatttttaac 540
nttagtanaa acgggggttca catgttggnc nccctg 576

<210> 5964
<211> 557
<212> DNA
<213> Homo sapiens

<400> 5964
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caacctctac ctcccagggt caagcgattc tgctccctcg gccttccgag tagctgggat 120
tacaggcgtg cgtcaccacg cgtggctaaa tttgtatttt tagtagacac aggggtttcac 180
catgttggtc aggctggtct caaactcctg acctcaagt atccaccctc cttgacctat 240
ctcagtgtg ggattacagg cgtgagccac acctggctgc cttttaactg ttctgataag 300
caaactctac agttaaaacc aatttttgtg tgcactaaaa ataccaactt cctcatcaaa 360
atctacaaag taccatgtga aatgaaatgg catgaagaca acagtaagaa aactgtagct 420
ataactcaga aaaagaatag ctgngatgca tacatagttg gaaaatgcat aagacaaatc 480
tgaagagaag tngaaaatna aagaattctc ttttttttaa aanggggttn ccttttggng 540
gccanactgg antgcaa 557

<210> 5965
<211> 576
<212> DNA
<213> Homo sapiens

<400> 5965
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tatctgtagc agcaagtttt cttatgattc attattcttc ttcttacagc tttaaatcat 120
ctaggaactt catataaaat ttaattccag tttcaactag ttgtggagca tttgatccaa 180
aataaaatga aagtcctctc tgaagtgtga gaggagactc aagaatcaga acaacctgaa 240
gttctttaag ctgtcagttg aaggactagg taaaaaacia atatcattta gtgtgatcat 300
taatgcacat gagtcattat tccatgtggt tgctgtcgac tggtcagggg cacttcaagc 360
cctaattctgt actttgtcct gtctctctac accctgttct actttttcag cttgttgcct 420

09629469.072300

gtaatatgtg	aatggaaata	aaataatcaa	gcttggttaga	attgngttca	taacgacaca	480
aaagacctga	gagaatgtaa	gaacctntag	aacatncaaa	ataagacata	tttttggtgg	540
gttaaaanct	tttgggtggg	tcatttcttc	gggctn			576

<210> 5966

<211> 574

<212> DNA

<213> Homo sapiens

<400> 5966

aaattagaca	aacctggcag	atagcgtgag	aaagaaaata	tctgaattag	catagccagt	60
tttagaaatt	tctggttggc	tgtttttaca	ttaagaaatg	aaaaaaacaa	gcaagaattg	120
actttatgcc	tccctgacat	cttggtgcata	tgagtttggg	ttctgaatgg	attattggag	180
catttttaag	gttgggtgtc	tcaatctttt	aagagtgcag	agcatgagga	gtggctggca	240
tccacacctg	aagcaacct	ttctgtgatc	ccacagcttt	ggatgccaaa	gcagctgctc	300
agcgtgacac	gaagaatcag	tccagaaagc	tgccacagac	cctctccatg	agatttttaa	360
aaaaccactt	ttgttttctg	agtaataaaa	gaaaccccag	taatattagg	gacatggatg	420
ttagtacagt	aattaccaca	cattgaaaat	attgttcagc	aggaaaagta	aaactttcaa	480
aaaatttctt	aaagatccta	tttaataaat	aattttgatt	aanggacct	tatgcaaaact	540
tggaccaant	actgaaactc	cactggtggg	gaaa			574

<210> 5967

<211> 573

<212> DNA

<213> Homo sapiens

<400> 5967

gagatggaat	ctcgtgttg	cccagggtag	agtgcagtgg	tgcaatcaca	gttcaactgca	60
gcctcgacct	ccaaggtgcg	agcgatcctc	ccacctcagc	ctcccaggta	gctgggacta	120
caggcatgca	ccatgatacc	tggttaactt	ttataaaatt	tttttgtaga	gatggggctc	180
tgctatatgg	cccagactgg	tcctgaattc	ctgggctcaa	gcaatcctcc	caccttagcc	240
tcccagaatg	ctgaaattac	aggtgtgatc	cactgtgccc	tgccctactg	aaacttttaa	300
atcataaaat	tatctgcatt	ctgtatgttc	cttgagcaca	tagatacact	ttttcatcaa	360
tggggacaca	ttcctactat	aaggctgaga	aaagagaagg	gagttcaata	cttactgaat	420
aaatgtaggc	ataaacctca	ctacctgttt	caaaggcctc	attatttcct	tctctaagac	480
aaatccngag	cactttgcag	ncattataga	cttctnttaa	acaacctgga	gcctaaanac	540
aggggtaagg	ggtggacttt	gattgaaaaa	aac			573

<210> 5968

<211> 574

<212> DNA

<213> Homo sapiens

<400> 5968

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cttgattagg	agcatttttaa	tcacgaagcc	aacacatgtt	actgcgtatc	tgtttaaaat	120
ctggtagtgg	cttaattggga	ccaacagcag	caatagctgg	actcctatta	taagtgtatt	180
tggtagacac	ttctcgaatt	gtctcagcat	tcacagcatc	aattcttgct	tcaagctcag	240

ggatgggaat	ccttctatta	tagcataaca	tttgcctacc	aatatcttca	caaattggag	300
ttgaaccatc	aagctgcaac	aacatgtttg	ttttcagaag	atttctggct	cgtgcaacct	360
cactttctgt	gacacttgta	cagagtcgca	tccattcttt	ttgaacaaca	tgtagcatgt	420
ctgcaacagt	ggatgattca	caaaccatat	acagtcccca	taatcctgna	tctgnntag	480
aagtgttgaa	agactgaaaa	gctntggcaa	agatggcatg	acaagtganc	tgggccactt	540
gctanaaaat	cattcttccc	caaaagagcg	atcc			574

<210> 5969

<211> 419

<212> DNA

<213> Homo sapiens

<400> 5969

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tgccatgtag	gcgactccaa	cacttcagga	atacaaagct	ctgaaaagag	gttatgtanc	120
aaagctcatt	ttcattcaca	ttgataatag	gncanacaca	tttttgaaga	aaaaaatgga	180
cagagcgtaa	aggataacag	agtacacatt	ttcattttct	atgatgaaaa	ggaattttta	240
aaattggctg	ttgnacataa	aaactttttt	tttaaaccac	acaacctaga	attaaatgga	300
gtaaaatgtg	agaagcccc	cttttttcc	ccttcagcag	acaaaaccgc	tgncaatagc	360
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<210> 5970

<211> 457

<212> DNA

<213> Homo sapiens

<400> 5970

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tcctgcttca	gcctacctaa	cagttgggat	ttcaagcatg	tggcactgca	ctcagcccca	120
ggaggctttc	tgaaggaagt	gatgacaaag	gtagattttg	agaataaaga	aacaaggtag	180
cgggctggac	acgggtggctc	acgcctgnaa	tctcagcact	ctgggaggcc	gaggcggtg	240
gatcacctga	ggtcaggaga	cgggcctgac	caacaagggt	aaaccccgnc	tntactaaaa	300
atacaaaaat	tagccgggtg	tggcagcatg	cgcctgtaat	cccagctact	cgggaggcta	360
agacnggaga	attgnttgaa	cccggggaggc	agaggttgca	gtgagctgag	attggcacca	420
ctgnactgca	nnctgggcan	caagcgagac	tgtctna			457

<210> 5971

<211> 424

<212> DNA

<213> Homo sapiens

<400> 5971

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cattctattg	tataaaaccc	gagttcttaa	aaacatgttt	tctttggcac	tttcattccc	120
tcctccccc	ttccccagca	tattgcaaaa	agctctccag	tgctaaggca	ttggcagggt	180
gtgtaaacag	cagccagcat	atgtggaaga	ataatacaaa	gctttttttt	ttcttcta	240
atgtctgtgc	agcaagcata	aataacagga	cccattccaa	ggagtgtgtg	tgggttttcc	300
ccctnccctg	tgtcctctgt	caccttggtg	atgaggccac	cagtgtgtgt	aagactggna	360

gggaacccta ggtcanacct tggttncctg ttgntcttcc cnagacccan ggttccctng 420
gttt 424

<210> 5972

<211> 574

<212> DNA

<213> Homo sapiens

<400> 5972

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aaacacaagt	ctgctgtgag	tccttcagca	tcatgagtgt	gagtgatctg	agtctggaat	120
accactgtct	ctgtagcttc	ggttactact	gctttcactg	tgattgtttt	tgtacagatt	180
cattccatta	ggaggaaata	tgggtgtgat	tacaaactcc	tccttcgaga	tgggttcatt	240
gcttattggt	aacatctgaa	aagaagtttc	cctgatttcc	aggatagagt	tgtccttctt	300
agtgccagct	tctgcatagt	catcctttct	tctcctccct	ttgctatatg	cacaagttcc	360
ttgagaagag	cgatccattc	ctatgaacat	accaacacac	taaagcaaga	agggcaatgg	420
taaccagggc	cacagcccca	ccaatgatgg	cagccaangn	naaatggggg	ttttgnaagg	480
tcttgctttg	gctctcaatg	anggtgggtg	gaaggttgac	anttcaaagg	ggtgcaagtt	540
taagcttnaa	tccaaccggg	agttcattna	atag			574

<210> 5973

<211> 570

<212> DNA

<213> Homo sapiens

<400> 5973

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cctcccgccct	cagcctccca	aagtgctggg	attttaggcg	tgagccactg	cgcctgcctt	120
actcctactg	tacttaaggc	atcataacat	ccagaccatc	atgggccagg	ctgctctgcc	180
ttacacttcc	atttcattct	taacatgtga	cacaagatga	aacacaacat	acttctgaac	240
ctgcacctca	gagattgcta	gagctgagct	tgcagattac	atggatcatt	ttgtgattgt	300
tgaaaaggcc	tccccttctt	ctgccttagg	tatattctac	ctttgaaggc	agatttcttc	360
aggttaaaat	atgatataat	caggagtccc	ctgttaaaaa	cccaaataat	tctgaaaggc	420
atactgnntt	aagcttctag	aaccagtata	aattgattta	ttcagcaact	tttggactta	480
gacctggatt	ctaactctga	ctttggcaat	ttctaactgn	aaaactgcaa	taaaatatta	540
accttctgac	atgaaggaat	tagtaanaag				570

<210> 5974

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5974

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cgggtgggaga	gcaggagacc	agagattatt	acagaatcaa	cctgacaata	acctagacaa	120
ggaataggag	gctgttcacc	accaccaaga	gttccagtgc	attttgctgt	cottactgat	180
aggccatatt	tcaccttctt	acaacagaaa	tatcatcaga	gactttatca	aaaactaggc	240
tgaatccat	atatacgaca	ttcatagcat	tttattgatc	caagtccagt	atttacatga	300

ctgctttgtt	cattttgagg	agtatatgtt	tataaatata	tattaaatat	ggaattctac	360
actctaagta	ataaagaagg	tttctagaaa	gaaaggaatg	tctgcaatta	gttttcctct	420
aagccaggac	tattgaaaac	tatgccattt	tgattctctg	ctcatttagg	aaacagacca	480
angacggaat	attttaaaag	tcaataatta	aangggcaat	cacttatatt	gcccctttta	540
aatcccagaa	ctggactttt	caagtattaa	cattag			576

<210> 5975

<211> 573

<212> DNA

<213> Homo sapiens

<400> 5975

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gtagggatgg	ccactgcgc	tggctaactt	ttgtattttc	agtagggaag	ggtgagtcag	180
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aaagttaagg	gattacaggc	ctgagccact	gtgcctggcc	taaaattttt	catttttcat	300
gtaaattaaa	gctaataagg	gccagtttta	ttctctaacc	aagacctttt	aagttaaatt	360
gatctttaac	tacacacaca	cacccctgcc	caagggtaca	gttctacttt	ctactagtag	420
taactctcct	tttccacttt	aattttgagg	aaaattattt	acacagctga	cccttgaaca	480
cangnttgaa	atgtgtnggg	tccacttaca	tatatgggat	ttttttcaat	aaaaattttt	540
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<210> 5976

<211> 573

<212> DNA

<213> Homo sapiens

<400> 5976

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tacaggcacc	caccaccacg	cctggctgat	tttttgtatt	tttagtagag	atggggtttc	180
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caaagtgtg	ggattacagg	cgcaagccac	cgcgcccggc	ccattaatgg	gcattttttt	300
taaggccact	gtcctaaatc	taaggaatat	gaatttttat	agatagtcac	gatttttttc	360
tgcacattca	atgaacagta	ttaggtacct	actgggttgt	atactgggca	ggattcaaag	420
atagacaatt	catatttccc	accctcaatt	agcttaaaat	ctaataataa	tacccatagt	480
naacagttaa	ccaaaataca	gcaatcgagc	ttcaantgt	gaacatgttg	caaataccaa	540
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<210> 5977

<211> 552

<212> DNA

<213> Homo sapiens

<400> 5977

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tccatggtca	aggagttaca	aatagtagca	agcccagtaa	ccttgagcat	atctataagg	120

caaataaaac	aaatatttct	ttcatagnn	gggcatccaa	ctttagataa	tctggaaaaa	180
aatcactnta	gcccctgaat	accatgatgt	gcatgatgtg	caaaatgaaa	gtatcaccca	240
aaatattttc	aaagctaaaa	agaaaaatatt	taaattcaaa	tactttaacc	aaattggaaa	300
tgcaaacagt	acacttagag	tcatccttag	ccagctgttc	tccaaacaaa	agatcgagaa	360
acaaaaccaa	gaaccaatgt	aaaaaagaaa	aggtttatct	agaaaactgg	aagctcatca	420
aagtccattc	ttcttctgat	tctggctctg	gtcagcattt	ttagaagtcc	acttttgagg	480
agcaaagcct	ttaagtctag	attaaccanc	cggatgga	ggctaattcn	ttccacgatg	540
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<210> 5978

<211> 562

<212> DNA

<213> Homo sapiens

<400> 5978

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ctttgctttt	ataaagtcca	cgataacaat	acttaaatgc	actttttttt	tcctgngata	180
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caaaagggtt	cttctgcgct	tttccaattc	cccttcactc	agttcgctgc	cagaagtgtc	360
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ttgnctaagt	tctgnctttt	tcactttccc	gatctttttc	tttttttata	cttctctcgc	480
tcagcatcgg	atcttggaaa	agcagattaa	ggcctctctt	cttactttct	totaagcctt	540
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<210> 5979

<211> 472

<212> DNA

<213> Homo sapiens

<400> 5979

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catgttatca	acaggcatgt	ccccagggtg	aggctcccca	cccgggaccc	aacttgggtca	180
gttacaaaa	ggggacnaag	gcgggaggaa	gcccagtgtc	accaggtggg	accgggtgcc	240
gggcctgttg	gggtgtcctc	gcagccccc	tananaagg	gcgtgcggaa	atggatcttc	300
ttggctgttt	ccacgtcgga	cttcgcgacc	aggaaccgca	tcttcttccc	gccatgacgg	360
atcaggtcca	cagctntcag	gtagccaagg	cccaggaggc	tgctgccatt	caccttcagg	420
atacngnccc	ccagcgacag	gcgcccgtng	gnccgttgng	ggcttncocg	ga	472

<210> 5980

<211> 456

<212> DNA

<213> Homo sapiens

<400> 5980

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tcatccattg	atcttttgcc	aaatcagtta	ctttgttagc	agttgcaaaa	tagcaacttt	180
ataattctgt	cattcctgcc	actttgctag	aattcctcag	aatctaggaa	tatgcatcaa	240
atttttagca	tgcatatttg	attttataaa	gatttgtaat	attaatcaga	actcctactc	300
atgtcctcaa	tgatactaag	acattagaat	taatggtcac	ccaggagaat	ggcgtgaacc	360
cgggagatgg	agcttgagc	gagcccgaga	taagtgcctc	tggacttcaa	cctgggcgat	420
agagcgagac	tncatcttca	aaaaaaaaaa	nnnnnn			456

<210> 5981

<211> 517

<212> DNA

<213> Homo sapiens

<400> 5981

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agtctggagt	ggggaatggg	gtagtttgga	accacatgac	tgagtttgag	gggtgcccct	180
caccccagct	gaggtagggt	ggtcagagtc	tggccagggt	agaggaggca	ccccagtgtc	240
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aggtaggagg	agaggggaca	ctggagtctg	gagccctagg	tgaggggtgg	ttaaccctgt	360
tgtgtgtgca	tacatgcaca	ctcacacaca	cataccacac	aaagacaagc	ttgtgcacac	420
accatacgca	taacttggct	tttananata	ggtcanangg	tanggggaagt	gaanggactg	480
gggttaaata	aggcnccttg	gacggggcca	accttgg			517

<210> 5982

<211> 569

<212> DNA

<213> Homo sapiens

<400> 5982

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tccacattgc	tccccggcat	gtgacgatcc	agcctggctt	tctctggtcc	tttctggaca	120
gaggctggcc	aagcaggcag	cagcctcaag	gggagtgggt	aggagctggg	ggccttcttg	180
cagccctact	cagaggatga	tctggtttgt	gaagcttcgg	ctcagctcct	tgtgtggcag	240
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gatagcaggc	agcagcttcc	cgtccttgaa	gaggctctca	ctgtccatgc	gggctcgggg	360
atcgttgggg	ttagggtcac	tgggggtacc	ctccacgcgg	gccagcgctc	ccacgggtgt	420
tccccagccc	acgatgctat	gcagaacaca	cgtgtgctcc	tgcaaagtgg	cttcatggag	480
gacaatcttt	tccggagccg	acaccttaac	cacggtaacc	ccttcccaat	gaaacttttg	540
gccaacacaa	ccaagggggc	ccnttgggg				569

<210> 5983

<211> 566

<212> DNA

<213> Homo sapiens

<400> 5983

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tacaggcgt	tgccaccacg	cctggcta	ttttttgnat	tttttagtaga	nacgggggtt	180
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ttacatatt	cacccttttc	tcttcttgct	tgctgtttct	gacaagaagg	ctgtaattct	360
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gttngccttt	gggtttctac	aagttggaat	atgatatatg	taagggtggg	attttttttt	480
naagatggat	ccaattgggg	gtctctaact	tactgaaccc	gggnttgggn	cngccttact	540
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<210> 5984

<211> 586

<212> DNA

<213> Homo sapiens

<400> 5984

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ggactttatt	tttttctgaa	ctttcccatg	acgaatgtct	gactgcaaag	ttcttttcta	120
taacatggat	ttcttcaaca	ggaaagattc	agtacatgac	agtagttttc	aaatacagtc	180
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tctgttctgc	ttgttcacgc	cgtttcgtct	caaactcaag	tgcttcctgc	aattttctct	360
ttgccttctt	ctccttcttt	agcctctttt	gaactatggc	tctatttctt	tgttccatag	420
ccaactgctt	ctcaagtgtt	tccccttagt	tctctttccc	ttaaaaaaaa	atccatcttc	480
agctcaagtt	ttttccagtt	ggacctggtt	ctcttgactc	tggcattatc	taatggcaac	540
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<210> 5985

<211> 480

<212> DNA

<213> Homo sapiens

<400> 5985

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tccaagagag	atgcacttgc	ctaagaccat	cagctgtaga	gctgggctaa	tcccagtgca	180
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ccccaggctg	tagtacagt	gcatgatcac	agctcactgc	agcctcaacc	acctgggctg	300
aagtgatcct	cccacctcag	ccccacaagt	aactgggact	acatgcacac	accaccacat	360
ctggctaatt	tttgnattcc	ttttagagac	caggttttgc	catgttgccc	aagctggcct	420
tgaactcctg	ggctcaagt	atctgntcat	cttgggcntt	cnaanngctg	gaatncnggc	480

<210> 5986

<211> 471

<212> DNA

<213> Homo sapiens

<400> 5986

09629469.072300

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gcctcgacca	cccaggttca	agngatcccc	ctacctcagg	ccctcaagta	ccctggacta	120
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aagtcctagg	attataggng	tgagccacct	tacctggcca	aaaaaaaaaa	aaagccattt	300
tttaataaga	aaaaaatctn	tacctccaaa	agctggtatg	atatattggg	gaaaaaagtt	360
ggctctggct	cttanacctg	cctccatttt	tttttctttg	aagaaattaa	atggggtttt	420
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<210> 5987

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5987

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ttgtaagaat	tcaagccaaa	aaaagtcat	ccatgggaaa	aacggttctt	ctatcatcca	180
gcacgtattt	gtgccaacag	agctgaggga	cttgagtaat	tcaagaggct	aggggttggg	240
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catattagag	aagaaaggaa	ccttaaaaatn	gcngaagaac	ctggattncn	tggatcccgg	540
ggccaaccct	tggacatggc	tttgtgtgan	aacaaa			576

<210> 5988

<211> 582

<212> DNA

<213> Homo sapiens

<400> 5988

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gtcaaaaaat	gcaccatcag	tgacctcaga	tataggcttt	tttaagattt	ctagatctgg	120
aagagacttc	cagtcaacag	aagaccaaga	aggaagatcc	ctcaacaaaa	agtatctcca	180
cagaattgga	tctcttacag	tttcattcca	ataatgattt	gtacttccca	actgacacag	240
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gcagcaggta	ggaaaaagga	atgaagaaaa	tagtttttgg	gtgataaacc	acataatcaa	360
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cgaagttagt	naacaattna	attcttggaa	ccacctggaa	catttctgga	aaaaccaacc	540
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<210> 5989

<211> 572

<212> DNA

<213> Homo sapiens

05629459.072800

<400> 5989

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ggtttcacca	tggtggccat	gctggctctg	aactcctgac	ctntggttat	ccaccagcct	240
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tgtcacacct	ttaactccat	ctgcttctcc	tgcttcccct	gngctatttc	aaatcctana	360
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catatgggta	gnggtcacia	tttcaatttt	ccataaatng	gggttttttt	tacatttggg	540
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<210> 5990

<211> 547

<212> DNA

<213> Homo sapiens

<400> 5990

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tgcttgattt	tgcaacatca	tgcatgtgtc	atttgcaaag	cctagattta	ctgagttatg	300
cccattcttc	aaataacata	tttcattaaa	caacatttta	aaatatttga	gtccttaacc	360
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ttttaaaaat	tctaattttc	acccaaaatt	tatcactggg	aataaatact	ggcagtgggt	480
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nctggta						547

<210> 5991

<211> 604

<212> DNA

<213> Homo sapiens

<400> 5991

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acttacatgg	aaagggaaca	caaaatccat	ttttatatac	ataaaaacaa	aacacccaaa	180
gagacttgac	ccccaaaatg	tcttggttca	cttgaaaata	acatgaatga	gacgaaagat	240
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nccc						604

<210> 5992

<211> 592
<212> DNA
<213> Homo sapiens

<400> 5992
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cgaatcggcg gtgggctctt cggtaataca gaggggggaa ggtgtactca attcccagcc 240
cccagcatat cttctcaaag acatcatant tgggtgttacg gaggtttttg agcatctttt 300
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cacagaggat gatagttggg cacagangaa ggaaggccca gcctggttta cgttttaaga 480
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<210> 5993
<211> 594
<212> DNA
<213> Homo sapiens

<400> 5993
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atttgattct gcaaaggcac tagactactt gaattaaaca ttctgtccag agggataata 420
ccaggctttc cttttcctca tctgtagtaa agtttcangt ccttgacaga aatagctggg 480
actattccaa atttgcttca ggcatnccaa tggtgacaaa gggaancgaa gtcattgaaac 540
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<210> 5994
<211> 589
<212> DNA
<213> Homo sapiens

<400> 5994
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agaacactca ctgacagtgt ggccatgtc attctttaag ccttaattta ggtcccat 180
ctggtgtggt gccttccttg aacttcctcc cccagatctt ccatgtcata tctgtaccac 240
tcagttgtac atatcataca cttttgtgta taatgtgatg tatgtcttat gtttccaacg 300
agattgttac atcttcgaag gctgcaaaaca tgagtgttac ttgttagctt accccaaaaat 360
aatacctggt ataccggacc caatatctgc tgattgatct aacctaaatg aatacaaaac 420
atttcagaaa aagatatata atagaccaca tatccaggtc atgaaaatta agctttcang 480
tcacctactt agtgactatt gctcttgacc ctagactctt ggaaggccat tnaactggcc 540

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<210> 5995
<211> 342
<212> DNA
<213> Homo sapiens

<400> 5995
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tgcaccacca cacctggctt atttttgtat ttttagtana aacagggtnt cactatgtta 180
gccaggctgg tcttaaacct ctgacctcaa atgatatgcc tgccttggac tcccaaagtg 240
ctgggattac nggcntnaac cactatgacc agcccggaca ttaactcaca atggcngggg 300
tattgncctt cctctatgcn aacaattccc accagcntca ca 342

<210> 5996
<211> 577
<212> DNA
<213> Homo sapiens

<400> 5996
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cttcatccag taagatatatt gcncttttaa tatctctatg aatatgatga ttttcatgta 300
gaaaattgat gccattagct gcaccctgag caatcttgca tctcatgtgc caagaaagtg 360
gtggagtacc atccaagcaa gagagtctgt ctagcantga accgttaggc atgtaaacat 420
atactaagca gaggtcatct ccatcacttg agaaaccaag tagttctact aagttttcat 480
gttgacactt tgccattact ttnattcttg atcaaactng ctggttcaag tcttttagtag 540
nantgncaac ccattgggtg caagcttntt actggnc 577

<210> 5997
<211> 599
<212> DNA
<213> Homo sapiens

<400> 5997
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ttgctggagg ggcagcaggg cccacgctgt cgtggagttt gcgcacatgt ttttttaaag 480
tcaaaatttc ttgcaaaacc cttttgccgc aagttggccg gtnaaaatat agtgagccgt 540
tnaacacctt tgccggacaa ccttgcaagt nnaanttttt nggcttggca ttttncgga 599

092240"69462960

<210> 5998
<211> 543
<212> DNA
<213> Homo sapiens

<400> 5998
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caccatcttg gccaggttgg tctcaaaactc ctgacctcgt gaccaccca ccttggcctc 240
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ccaagaagca nanttaaaaaa gttgcaactc gccttgaagc ttnaatgtta aaggaaattn 480
ggtcttanaa ggttattcct ctttataaca tcccattaag tgnccctngg gggagttaan 540
tnc 543

<210> 5999
<211> 279
<212> DNA
<213> Homo sapiens

<400> 5999
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tacaccagta catgtttgtt gtaaaaattt cacctaggag gatataaaat agaaaagccg 120
aatattcctt ctaactctcc cctctacctc aattcccttc agaggtaaca cagcaaaaaa 180
aaaactgggg aaaagcaaac aactttccag acctctacta ttctaaaaca caaagagcat 240
tacagcttgc tatgcatttt tttttttggg ggnnnnnnn 279

<210> 6000
<211> 548
<212> DNA
<213> Homo sapiens

<400> 6000
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gtaacctcca cctcctgggt tcaagcaatt ctctgcctc aacctcctga gtagctggga 120
ttacaggcat gcaccaccat gccagattt ttctgcatta ttattattat tattatttgt 180
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atgtctacat tctctggatt ttcatatta attcaatatg atgtacagta aaggaaattt 480
atggatcacc tatattcatt ttctgtcttg ggttttaagg nacaaagaca tttcggagtt 540
naaccggg 548

<210> 6001

<211> 536
<212> DNA
<213> Homo sapiens

<400> 6001
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tctagtagtc tcatgtcgct ttaggtcagc tgggctggct tacacgcgct gtgcggtctt 180
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gcagcccaag tcctgtagggt gcttgccgtc tctgaagccc caggaacatc agtgcaagaa 300
ggaagagact gctggcaaag atgactccca aggctgttct ccgctctgggt gggacaacct 360
gggtgctggc cccaaggggc tcctccagag agatgtgtgt gacctgcagg tgtaagtggc 420
acctgcagag ccaggttctg cgtgaaagaa gangagatct gaagtgcctg ccacctttgc 480
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<210> 6002
<211> 552
<212> DNA
<213> Homo sapiens

<400> 6002
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aaaaatcagt ttccaacgaa aatacaaaaca ctttgggttg ttatccagct tgtctttccc 120
ctgtaggctg ttctgggctc aaaccaatca aatgagtga aaccaatttt gacaggagcc 180
ataaagcatg ttgcaccaat taaattacac caatatatta ttataatacc tttgaaatgc 240
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aaaaaaatag aaattaaata aaagtcacaa tgtggatttt ttttttttt taatgtgcag 360
tcaagtttct ctcttttttt cttctaggaa tgataccatg ccagtaaata cctacagaac 420
atttccagtt tggcaacaag cagtcagtcg atcattcaca tttgtactca agacagcagg 480
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ncacctggtg an 552

<210> 6003
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6003
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cttggaacttg ccagcctcca gaactgtgag aaataaattt ctgttcttta caaattatgt 180
atttcagata ttttgtttata gccacacaga caaattaaga caagcaattt cttgtgccaa 240
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acaaggacta ttgaaaaaaa tatggcaggg taagagatta tagcatttgg gagtgttgat 420
gggggtatgt tctgagtgtg acagagaatc acagagaggt ctaaataaac ctggggangg 480
aatgaagact tntgagaaga gaaaacactt gagcataagt gggatagtcc aaataatnta 540
aggatgggga gata 554

<210> 6004
<211> 546
<212> DNA
<213> Homo sapiens

<400> 6004
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tttttgtttg ttggccacaa ccaagtaaac cctaattgat ttgtattttt ctttttaaaa 180
atatagattg caattcgggc atatcaaaat gaagcctaga ccaaatactg aactagcata 240
agcagaccca gtgttaggac atcaatatta acaggactct aaacgggcag ttgtctgtac 300
atcttttagtt aataaacaag caaacatcca taccacgtaa ttcacacttg catatgcatg 360
tacactttca tgatgtgaag cctttaagac caaaatctct cttaaacatt cagcttgaat 420
aataaagaca tgttgccctag agatagaaaa ttcattattt taaaaaataa aaccttaaaa 480
cttgaatttt tatganttta ttttaagcct aaagnggnc actaatattg gccccatttt 540
taaggg 546

<210> 6005
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6005
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tgtgcttgag aagattcaga ttgtttcaaa gtcattcact gaactaaaag tcattttccc 180
catttttaca gtcatgacat ttaccagagt cattcaactc caattttacat aagaaaacat 240
tatagacaaa atcccactga aatcatcaaa caatatttta tgctgttaca aatatgttat 300
gcaaaatata acactggcac cagatttgta tcatcgtgct ttacaaagat atattgcaca 360
tgctagagca taaaatatgt agacaaaact accaaataaa agatatttgc attgaatttt 420
tagatcacat aagaaacgca tagaattaca tttatacaa cactcagatt ggccatcttt 480
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tntc 544

<210> 6006
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6006
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ccctgccatt cttgattgaa atgttcagtg agacttaatt tcatttggat attattttcc 180
agagatttgc gaagtctcat gttcctgtta ttgcagctca tttctagggg gtggtaaaga 240
tggggtagtc tctcttccca gacaaaatgc tgggagagag tgggatgagt ctgggggtgg 300
ggtaggtagt aaatgccagt atagtcacga gatcttcagg atgtgtattc cttcattacc 360
aggtagcaga gctgtagtgt ttatttgtcc taactgtggc atcagaacac tccccatctg 420

aagagtcaca	gtccgattct	tcaaactgca	tggggttctc	atagccacgt	tccttcacac	480
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nnccc						545

<210> 6007
 <211> 537
 <212> DNA
 <213> Homo sapiens

<400> 6007						
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acatacaatg	gaatactgtt	gagcaataaa	aaggcataaa	ctattgaaac	atgcaaaaaa	180
tggataaatc	tcaagataat	tatgttgatg	gaaagaatcc	agaccaaaaa	aagagtacat	240
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agaagatcag	cagttcccta	gaacggagaa	tgtaggtagg	ggcacaagag	agggattgca	360
acgtgatttc	tccaaggggt	gatggatgtt	tattatcttg	atagtgggtga	tggtttctcg	420
agtacacatg	tncataaaaa	cttataatat	tggatacatt	aagtgnntag	tttactggat	480
gtaaattccc	atcaacaaag	gtnttaaaaa	tggaaaatna	aacaaatcag	aagctgt	537

<210> 6008
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 6008						
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ggaatggagg	caacaccaag	gaaggccttg	gaagagggtg	tggctgtctc	agcagccacg	180
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gaggatggaa	ccatcaggaa	tgggattagt	gccctctaag	gcactaagaa	aaggctggtg	420
ggctagactc	agtgactcat	gcctgtaagc	ccaacacttt	gggangcttn	agtggaagga	480
tcatttgang	ctnggagttt	gagaccnanc	tggacacctt	aaaaggaccc	taatnttttc	540
caaaaa						546

<210> 6009
 <211> 500
 <212> DNA
 <213> Homo sapiens

<400> 6009						
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caagctccgc	ctcccgggct	cacgccattc	tcctgcctca	gcctcccgag	tagctggggac	120
tacaggtgac	cgccaccaca	cctgggcta	tggttttttg	tatttntagt	anagacgggg	180
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aaacaggatg	gaatctanaa	ggcagactgc	gactgntcta	agaaatctcg	tgtagaagca	360
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ntcagcatgn	ggggctttat	taattaacct	tnttggaac	tgactggnc	agangagaca	480
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<210> 6010

<211> 312

<212> DNA

<213> Homo sapiens

<400> 6010

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ctccaaataa	aagggaataa	aggcaaagga	aaaaaaaaa	acaaaaaac	aaaacaactg	180
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ggaatttaca	ctggagccgn	tgggagcgga	acgganatnt	tccggtaca	gaaacctgca	300
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<210> 6011

<211> 531

<212> DNA

<213> Homo sapiens

<400> 6011

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acaggcatgt	gccaccatgc	ctggctatgt	ttttttttt	ttggtanana	cagagtctca	180
ctatgtcact	atgttgccca	ggctggcctc	caaccctgg	ggctcaagca	atcctccac	240
ctcagtctcc	caaagngttg	ggattacagg	tgtgagccaa	catgcctggc	ctgtttctgt	300
ctttactgnc	cacatagcca	taccttcac	atcatataca	gaaagnggca	aatcataatt	360
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ttccaacaga	gaatatccac	atgaaaatta	aaggaaatat	agctatatgc	atgagttcta	480
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<210> 6012

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6012

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acataaaatt	atgttttgaa	atctatgcaa	catgaaatat	agtttgatat	aaaaaaccca	180
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cccnaattct tgacc 555

<210> 6013
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6013
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gcctgtccag cgacaacat ggaaggcac atacattctc tacaagtcn ctggtgtcac 480
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atttctgggg naan 555

<210> 6014
<211> 543
<212> DNA
<213> Homo sapiens

<400> 6014
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ggn 543

<210> 6015
<211> 530
<212> DNA
<213> Homo sapiens

<400> 6015
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cccaaaggc	caggctctga	ccttgagagt	ggtgggagtg	ggtgatcctt	ctggganggt	480
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<210> 6016

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6016

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actgctcaca	gagaggcagt	tttaaaccac	gatttaactc	ctacattcta	aagagaaaat	180
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gaaggcaaaa	acatcctttg	tcctggaagt	tcaccattca	attttagcca	tctgcagcta	360
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<210> 6017

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6017

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caataatgca	taagaattgt	taatgagtaa	ataaaagctg	attatactat	atttattttt	180
tagtcagaat	ctctcacatc	aaggatcaca	atccacttcc	aagcaatggg	taaaagggtg	240
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<210> 6018

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6018

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aaggagtcag	aattcttaaa	tggcttactc	agttgtatat	atagttgagg	gcagaaataa	180

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<210> 6019

<211> 530

<212> DNA

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<400> 6019

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agcatctgga ctigcttcat tagttctggg atgataactt ggtgtcaata aaagggtgtag 180
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ctcatattag cttcttagaa ttaatttgtt tttcaggcaa tccagacctt ctttgcaatc 360
atgagtattt taactcatga gtattttaatt ccttaaaaaat acaaactccc caaaacccag 420
gtcagctcta aacctaggga tgagcattta cttggggaca gcatgcccat tttggtaagc 480
acagaagctt ttcaccctgg ttttccannt nctggtcnna aancccngcc 530

<210> 6020

<211> 507

<212> DNA

<213> Homo sapiens

<400> 6020

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 6021

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6021

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aaattatagg tggttttctc atattttatg tcagtttctt gtatatcaaa aaatacattc 120

09529469.072300

atattatgag	acacaggaat	ctttacatcc	aaaataat	gatacagatg	ccttaacatt	180
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cagtgccttg	ttaacactgt	gtgtgtagta	aatgtgtgtg	ctgcttaagg	taaagaattt	300
ctagtaaaact	aaatgcccac	ggtgactgcg	tgattccatg	ccagacagga	aaaagcagtc	360
atgctttttg	cccctagctg	aacgtttgtt	ttccccacaa	actatgtatt	catccacaga	420
atagtgaat	atgctagatc	ctagtacaag	acaagaattc	aatctaataa	atctctagat	480
ngataattaa	aatattgcta	ggtttggtat	tcacaaaact	ggagatcctg	atggatantt	540
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<210> 6022

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6022

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ctttgtatca	gagttgacca	actgtttcct	tacctgtatc	aggaacatca	agagcgacag	180
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aaaaccagca	ttatgatgta	gcaagcagag	tataactctg	aagtcagtgg	ggtcagtaaa	360
agccttatca	gaccatccat	agttttacaa	tgtgatctgc	tcttcctcag	accactaata	420
tagaatccaa	acaggtgaaa	aatcgtcact	ccttagaata	caacaatgat	ctgataagga	480
tttgacttan	tggaangnaa	aaaaaaaaaa	aaaggggatt	gccnanccta	acccttttta	540
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<210> 6023

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6023

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atcctgaagt	ttgccattgt	tagatatctc	tttagctgac	catagttagt	cttccttgag	180
ttcacgtttc	ttcccaattt	cattttcttg	agatatcttg	ctactttctg	gtactgcttc	240
atcactgaaa	gtgtcatttg	tttctatatc	catccttggc	ctttttctaa	cattgacatc	300
ttcctcctgt	ttttgaactt	tcacatcaat	ttctaactct	ggttttgtgt	ccttgaataa	360
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<210> 6024

<211> 599

<212> DNA

<213> Homo sapiens

09629469.02300

<400> 6024

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tcagtcattc	tgggttggtt	tgtgttcgct	ttccacagca	atcctacatc	cacgcccctc	180
ctttctcacg	aaagcaagag	aagagtgagg	tctcttttgc	tagcagttct	tatgtacaaa	240
caaggtcttt	aaggttcctc	aaagtgcctt	ttcagttctca	cagggcttgg	acaccccctg	300
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aaaagaaaac	tcgccttccg	ctcaacgccc	gctccagact	tgccaccaac	cttcatcctc	420
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ctggggagcg	gggggaccac	taggacaaag	ggtctggctc	atctaccggc	gcctggaggt	540
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<210> 6025

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6025

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ggactgtggc	tagattttgc	ccatgatctg	tanattatgc	tcttgacccg	ganacttgaa	180
agttatgagt	ttgcattcaa	acaaagaacc	accagataaa	acagatgttc	tctaaaactg	240
aggaagaaaa	gttttagagat	atgcactgta	tagagaaaga	aagctttttg	ctggattggt	300
ctccttggtt	aggaaatgtt	taaaactagt	actcccgggc	acctgtgatt	gcattttata	360
ggattctatt	tagtaatatg	atgtctatct	tacattcagc	cccaacctac	gtcactgaaa	420
tagaatagga	aatagcagcc	actatctgag	agtncccgat	tctaaggaaa	gtttgggcct	480
cctcaagaag	tccctatttc	catagcctca	atcatgaata	nggcttggtt	ttggganatg	540
gaactattaa	cngcaggaat	gcctatactt	canagccttn	tantt		585

<210> 6026

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6026

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ttacaggcat	gcgccaccac	acctggctaa	ttttgtatct	ttagtagaga	cgggggtttct	180
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ccaaagtgtc	gggattatag	gtgtgagcca	ccatgccctg	cctaattctg	gatttttttt	300
tttttttttt	ttgagacaga	gtcttgctct	gtcaccagg	ctggagtgtc	gtggctggat	360
ctcagctcac	tgcaagctcc	gcctcccagg	ttcacaccat	tctcctgcct	cagcctcccc	420
agtagctggg	actacaggca	cccgnccacca	cggccgnta	anttttttga	tttttaagtg	480
gaaacanggt	tttacogggt	taaccnngaa	gggcntgaac	tcctggacta	tgaa	534

<210> 6027

<211> 555

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6027

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tgttatcctc	cacccactga	ttgaggatcg	aattgcacat	ttctcttaac	catgacagga	180
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cgcccagcaa	atattccccc	tcggattatt	ttacaccttg	agggcatttt	ggnccttcagt	420
tcaacactct	tgctctggtc	ccaaatgggg	cgctatttaa	gggaatttaa	agagaaagct	480
gagaagaata	acntttancc	gagntctctt	ggcatttaan	ctcttgaaaa	ncccnggatt	540
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<210> 6028

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6028

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gcatttttcc	atatgtaggt	aatagctcat	aataaaagg	ttttttgaaa	atacacaaaa	180
aaactaccat	tacactccca	ccagactgga	aacaatttaa	aagtccaacc	aagtttaatc	240
aagtgttgtg	caaaaagtag	aacaaatgga	agtctcacac	atccctgatg	ggagggcaat	300
gcattacgcc	actttgaaaa	ccagacaata	tatgataaaa	ttgaagggga	gcacacccta	360
ctcagcaatt	cctttcctaa	ctatatgctg	tcaagaactc	ttgcacacgc	acacatgtat	420
attcccaggc	atcttctaaa	gaaaatgggtg	ggtattttgtg	aaggttangg	ttactangaa	480
aagtcgggcc	ccgtggctta	cgctgnaat	ccagcttttt	tggaagcaaa	gccggaagat	540
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<210> 6029

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6029

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gctggagtgc	agtggccgtg	atcttagctc	actgcaacct	ccgcctccca	ggttcaagng	180
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gctcagtagt	tagccagccc	atctccatgc	caaaccact	gacgtagccc	aacaagccgc	360
tgcggtanag	ggtctcatta	tcgggcagac	agaccgggag	gacgttgggg	cccaggggga	420
tgctgngctg	cagctccagg	agggcgatgt	ccccgctaaa	gttatgggac	tcattctgac	480
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<210> 6030

09629469.072800

<211> 562
<212> DNA
<213> Homo sapiens

<400> 6030

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cgtcgaataa	cttaaacact	ttcaaggcaa	gtctggtttc	tactgtttcc	cagcaatcat	180
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<210> 6031
<211> 563
<212> DNA
<213> Homo sapiens

<400> 6031

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gtgacttgaa	tttgatctag	ngaaatatat	actacaaaag	ngaggaatta	tatctagaaa	180
tctgtaattt	ttaattgtnc	cgctaaagcg	ctttaccttc	ttttgtactt	cttgaaaata	240
ctggctgcat	tgcaacagaa	gacaaatatg	attaatgtca	tgcaattcat	aatatcttaa	300
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tgtttttcat	gcatctgata	acagtgcac	agaaaggaaa	aaatgaaaca	tagttcagaa	420
tcttaaaagt	agaataaat	ttcagccagc	cngacatgac	tctattcaac	aaacntgatt	480
gancggattt	aaggatatgc	taaaagggtc	taaatttcac	ttggtatccc	aatccttttt	540
tttttaatta	anggtanatt	tta				563

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<211> 503
<212> DNA
<213> Homo sapiens

<400> 6032

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gacccagggt	gctggaggcc	cgggggtcacc	tgaggactgc	anaagtcctg	cgctccgnta	180
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aggccgcccc	cgtntnacag	ctgcagagca	cgagaccac	ggcactgcag	gccaaccagg	300
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acgctgcctg	ggcctgcccc	tgcagggccc	gggaaccgag	cccaggcctc	tgtttctctg	420
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<210> 6033
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6033
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attacaggta cccaccacca tgtccagcta attttttgta ttttttagtag agatgggggtt 180
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<210> 6034
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6034
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aagagtggcg atttgaggnc cttctcctgg aaagtgaata gctggagttc tgaataatgg 480
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ttcttggtta gagcccaaaa aaggtcttta atctaaaagg gc 582

<210> 6035
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6035
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ttgaccccat aatttattat aaagtaggtc ccataatcac attttttgga agttgctgaa 180
attgagataa aaaatattgt ttttttatga gaaaaaccgg acaaaatata gaatggccaa 240
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ataatttccn	tatgggccaa	taccatataa	ttanttcga	ctggataccc	aaatcttcct	540
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<210> 6036

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6036

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tgccctaatt	gcagcataat	taatagcaac	aaacggccgt	cttgctgcct	gccgcagccg	180
gagggtat	ttgcagacct	gacgagcaaa	ttttgtgaaa	tatgtagtat	gaaggaagaa	240
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catggcctgg	cgggacacgt	gacttctaac	acgagggtcc	tctgtagtgt	ggctaggaga	360
taacttctct	tcttctgact	gggtgggcat	tttcaagcct	ccatattttt	tccaataaag	420
ccaacaaata	gcacataatc	tacactgcat	attagngggg	ccccaagaat	ccctggtgag	480
actngntanc	ataacaactt	ttacangntt	ttccttaaaa	angattttan	gcttgaacgt	540
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<210> 6037

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6037

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tacaggtgcc	caccaccacg	cccggcta	ttttgtatt	tttagtagag	ttgggtttca	180
ccatgttagc	caggatggtc	tctatttcct	gacctcgtga	tccaccacc	ttggtctccc	240
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aaggcattat	gaaacactga	aaatctatat	tgaaatcagc	aaacttcaat	atagcaaggg	360
aagatttagc	accaacattt	taattgactc	attacaaaaa	ccccttcccc	ccaaaagaag	420
atatttcttg	attttttata	tttaagatat	cctaaacatt	tttattcatg	ttacaacttg	480
taacacaagc	accatgcatg	nattattgaa	atgtctgggt	ttttggttgg	ccttggtttt	540
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<210> 6038

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6038

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ctgaattaac	tataaaatta	aaatacctgc	taattattat	cttctaaaat	aacacaaaat	180
atattcaata	cgcaatacaa	acctcagtaa	tccaattctc	ctaatatgca	attatttata	240

acctctgaac	taagaggaag	tggtttgact	aaacagagaa	ataacaatgt	ttttatccta	300
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tcacaaggag	taatctttat	tttgaaaaac	aatgttaatt	ataccaattt	ttagttataa	420
tttggttagtg	ngaattcgcc	caacctaaat	tcctgngngc	ctggaaaata	ccacttttta	480
aaagctagna	ttaatcattt	ggacacaggt	tactaattca	aatggcatct	caatctactt	540
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<210> 6039

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6039

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<210> 6040

<211> 607

<212> DNA

<213> Homo sapiens

<400> 6040

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gcaagtgcgc	ccctcggtaa	gcggcccggc	ggtggcttct	tggataccgg	naagcctggc	540
anttgcanaa	atntttccaa	gtgaactggg	gggcncgtc	catggaaaaa	anccctcctg	600
ggtgggc						607

<210> 6041

<211> 592

<212> DNA

<213> Homo sapiens

<400> 6041

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cgcccagcta	atttttgtat	ttttagtaga	gatggggttt	caccatgttg	gccagtatgg	360
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ggcgtgagcc	accaagoccc	gcctgaaata	atttcttaac	aatgcctaac	acagngcttn	480
catacatitt	aagaactaat	aaatacttgg	ttcttccaaa	attggcaggc	accaaangta	540
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<210> 6042

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6042

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caagccataa	gcatgtctct	attttaaaaag	taactggttg	cttgggggtgn	ctncctacca	480
gaccctaagc	tctttnggga	ttatgtcgga	caatcttctt	canagtcact	gggccccaat	540
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<210> 6043

<211> 606

<212> DNA

<213> Homo sapiens

<400> 6043

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gtaaaggttt	ggatttccat	aattcttttt	taatcagtn	aaacataaaa	taaggttttg	540
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<210> 6044

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6044

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<210> 6045

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6045

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ggtaccatat tacactcaga ttctactgna atatttttag aatgtccng ccaattgngc   540
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<210> 6046

<211> 454

<212> DNA

<213> Homo sapiens

<400> 6046

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<210> 6047

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<211> 584
<212> DNA
<213> Homo sapiens

<400> 6047

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ggtacattca	ttacaactga	tgaaccacac	ttgacacatc	gtcatcacc	agagtacaaa	180
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gacttgatag	ctcatttctg	gantanggct	gagtaatact	cattttctng	gatggggccc	540
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<210> 6048
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6048

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agagcagtg	gttaaaatct	ccagacgtgg	ttgtgaattt	gcttatttct	ccctttagtt	420
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caaattggtat	ggatctttat	aaattatgag	tgnctttttt	ttggccctaa	cataattcct	540
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<210> 6049
<211> 590
<212> DNA
<213> Homo sapiens

<400> 6049

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gcaacctccg	cctcccgagt	tcaagcaatt	ctcctgcctc	aggctccoga	gtagctggga	120
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09629469.07300

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<210> 6050

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6050

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<210> 6051

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6051

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ttatgagcaa	ttctaacaat	ttaagtccca	aactttgacc	aacaataatc	ncaagggtta	540
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<210> 6052

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6052

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nagtttagcc	tcataattaa	atccccgnag	cttgggactt	tttggcctng	tgggggtttc	540
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<210> 6053

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6053

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<210> 6054

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6054

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tgacttcagt	cgtaactggg	tccagcatcc	ctcaaccag	ttttatcacg	cgggtctaggc	180
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<210> 6055

<211> 595

<212> DNA

<213> Homo sapiens

<400> 6055

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<210> 6056

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6056

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ttgaagagcc	aaatggtggg	attcaaatcg	gattaatcat	cncctttttg	gcanttccat	540
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<210> 6057

<211> 429

<212> DNA

<213> Homo sapiens

<400> 6057

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gatgtgtgag	gcgatgaaga	ggccagcaca	ggagctgggg	ctgttgtctc	ggtccgccac	360
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<210> 6058

<211> 533

<212> DNA

<213> Homo sapiens

<400> 6058

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<210> 6059

<211> 523

<212> DNA

<213> Homo sapiens

<400> 6059

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gatcaggaag	cacaggactn	ccagagcacc	catctgntnc	accangggca	tcgncaggaa	480
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<210> 6060

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6060

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actgtacaga	tgcaaccttt	tgatgatnca	tatantttga	taaaaattga	gaaaacngnt	540
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<210> 6061

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6061

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ttggctggtg	aagaagccgc	cggtccggg	tcanaaactt	tgggccggct	ggtggttctg	540
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<210> 6062

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6062

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tgaattatcg	ccctaattgc	tctcgtctgg	tgggaataat	cccggggcaa	cagctgccgc	180
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tcagaaggaa	atgccttcta	ctaggacctt	nccaatgaag	gggagccctt	ggacctgcta	540
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<210> 6063

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6063

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atgttgccca	gactggctgg	aactnctggg	cttcaagtga	accttccacc	ttggncttcc	540
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<210> 6064

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6064

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attttattcc	ccttcatccc	ccctttctca	tcccctaagt	aacatctggc	aatggttaaa	540
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<210> 6065

<211> 599

<212> DNA

<213> Homo sapiens

<400> 6065

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aaaaaactta	attcttcaaa	ttcacgaata	ataattctac	atattcgttg	ggtagaatac	180
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gcattgntta	attttccatt	ggtggcttat	ttcacctact	ataaaggnc	ncagntcctt	540
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<210> 6066

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6066

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agttcttctg	gtacttggaa	tctccttggg	ttacttgtag	ctgggtgccat	ttctcctcat	360
caacccaaat	cccgcttccc	agatggacct	tgccattgtc	taggatatac	ttgtccatga	420
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acttccggct	cggctcgaga	cattctgact	ttactttttc	cagacaatgg	cgggaccggt	540
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<210> 6067

<211> 581
<212> DNA
<213> Homo sapiens

<400> 6067
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tcccttcttt tcaattgttt ggaatagttt cagtagaaat ggtaccagct ctttttttga 120
cctctggttag aattcagctg taaatttgtc tggctcctggg cttttttttt tttttttttt 180
tttttttggg agactattac tgcctcaatt tcanaagtcg ttattgggtct attcaaggat 240
tcaatttctt ccaggttcag ccttaggagg gtgtatgttt ccagaaattt attctctttt 300
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atttctgngg ggtcagtggt gatatccctt ttatcatttc tgatttgtgt ggattcttct 420
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cctggatttg gtaatttttg aaagattttt tggggctctg gctccttgag ttctgctctg 540
gncctaattc tggaanngc tactttgggg ttgggttttg g 581

<210> 6068
<211> 348
<212> DNA
<213> Homo sapiens

<400> 6068
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cgtgtttgaa attcacataa ggngcactta naaaaccacc tgaaatggaa atccaacagc 180
ccccttgccg gtgagggtctn ccacccttgc ccgcttgagg acatggccga accccggaca 240
ctcgtgtgcc gggagccacc acagntnaag gngaccggca gcacccanct ntgtgaccaa 300
nacagatgtt cacacgtggg ggcatngtaa gcgctaccag ctccaaat 348

<210> 6069
<211> 579
<212> DNA
<213> Homo sapiens

<400> 6069
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tttttataga ctgggttttg ctctgcaccc aggctggaat gcatgggtggg gacacagntt 540
cctgnagcct tgaatnctag gagnetnaag aatcttctg 579

<210> 6070
<211> 561

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<212> DNA

<213> Homo sapiens

<400> 6070

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cacatcacct	ccagagggag	gagggagggg	tcagaccccc	ccatagcacc	aatctggata	180
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ctggggggta	agggaggcac	atagatggtg	gcagacagct	gaggggtcct	ggcttctctc	360
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tcttcagatt	gcaaacacc	caaggggtga	gggagcccca	ggtgccccaa	acatgtgggg	480
taaagtcaag	gtaagtgcag	gtcttggagg	gctgggggtg	ggaatggaag	gggntctggg	540
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<210> 6071

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6071

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<210> 6072

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6072

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caacttccac	caggtccaca	ctcagcaaca	tccgtctttt	taggttcttc	agtgtcttct	180
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<210> 6073
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6073
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<210> 6074
<211> 560
<212> DNA
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<400> 6074
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<210> 6075
<211> 518
<212> DNA
<213> Homo sapiens

<400> 6075
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gatgtctctg gggaccctct ggatgggccc gatgttgggg cccttcantg gtgnccagga 480
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<210> 6076

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6076

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<210> 6077

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6077

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<210> 6078

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6078

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<210> 6079
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

<400> 6080	
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gtctgagatg	cttcagtgtg caaggcagca gctggggggg aggagggggg tottcacagg 180
gacagctggc	aagagacttc ctgaggcaca tcagctacgt tggncaatth agggcacggn 240
ctggttctgc	anctttgaaa ggnggattct ttctattagc acactttaca agagggattg 300
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<210> 6081
 <211> 569
 <212> DNA
 <213> Homo sapiens

<400> 6081	
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tattcaagtt	gtgatttttc tggttcttgg tatgacaggc tattttacat cgtatcctga 180
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gcatgcaagc	cctggccttag tttttgtggg ctatgagtcc agtggtaatt tagtttttaa 300
agcctttgca	gtgttatttt ggtctgcttg gtttatctgg tgctgctggg gttcccgaat 360
ggtccttcat	gatgctactt tagggaaaaga aggattttct cccaagccag gtoccatggg 420
atctctggga	gaaggggagtc tcaggctcan ggtaataaaa aatcttinctg gggtagaatg 480

ctttttggcn aaaggccctg gatgcctaatt tttttaaccc caaagaccaa gnttaaggct 540
tggatgtttg gcaatgggga ttcctgatt 569

<210> 6082

<211> 524

<212> DNA

<213> Homo sapiens

<400> 6082

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agtgtcggca aaggctctgc acagacatcc acagtattcc acactgcctc cccattttca 180
gaagtcccta ctgaaatgag aaggacactg aggcacacag gggaagagaa tggcctgagg 240
ttagactgcc acgaaaggca cgtggggaact gggcccagaa aattccaacc gttccataca 300
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ctcatggggc agcaagaagg gtggcaaggg aaccaagccc tgacctgagc ccagtgatca 420
ggccagagcc caccaatggg actngccaca ggtccagggt anccccttnc ttcaccggat 480
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<210> 6083

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6083

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tgctgcatgt agcatcttgg aatatatctg caagataaga gaggtgctgt taaaatgttc 180
tcatattcta cagggtgaaaa acaagggtct cattattttt aaactcatca accattcacc 240
cccctcgccc tagcaggctc gggaaaaaaa caaacccaag atttattttca atgagaaaaa 300
aaacacaaaa cactattatg ccaaaccact gctaatttag aggacaaaaa ggacatgact 360
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ctactttgca tggttgtagg cttcaatctc ttccagtaat acgctgtcgt tcaaagagaa 480
agggctggct ttggcnaac ttttagtcca tggccngttt anangcccca agaatactg 540
ggnagttttg gnaggg 556

<210> 6084

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6084

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accttcagtt aaaaaaaaaa aaaagaagca atttctgcta agcacaatga aacaatgtat 180
gcctgtgcgt atggaggggc atggggaaat ttgggagggt atgaaaatat tatcttgatt 240
tcacgagtgt atgcaggcca nttcattat acatcactga tatttcaaag ctgtaagaaa 300
aaacaaaanc aagattgatt gtgtgaaaag atgttcagca ttattaatca ttataaagac 360

ttgaaatgnt	ttatttctat	tottgnctat	tcaacttatt	tgggataaaa	gtggagaata	420
gttttcctta	tcctaaattc	acagcttgca	caggcaactg	aaatgctntc	atgcgttttg	480
accnctatga	cactanctgg	gtaaaccggg	ccggaaaccg	tttaccngtt	aacttgantt	540
accactttta	n					551

<210> 6085
 <211> 528
 <212> DNA
 <213> Homo sapiens

<400> 6085						
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tacaggtgtg	catcaccatg	cccagctatt	ttttaaaaaa	agatttcttg	tagagatggg	180
gtctcggtat	gttatccagg	ctggctctga	actcctgcct	caagcaaccc	tcctgtctct	240
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ctattttatg	tatcttcaag	tccacagcct	ctggcataaa	gccagatgct	tacagaaaagc	420
ttaataaata	ggtattaaaa	tggtttttaa	aanggctggg	anaaactgga	ctggacttaa	480
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<210> 6086
 <211> 561
 <212> DNA
 <213> Homo sapiens

<400> 6086						
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tacaggcgcc	caccaccaca	cccagctaatt	tttttgtatt	tttagtagag	acgggggttc	180
accatgttag	ccaggatagt	ctctaactcc	tgacctcatg	atccgcccgc	ctcgacctcc	240
caaagtgtcg	ggattacagg	catgagccac	tgcgcctggc	cggtacttga	ttagattcta	300
attccagaga	agatattggg	tagtataaac	tggtagtga	ttaaactacc	acatatatat	360
tggaaaaatt	accctgcgta	attcagatta	atttcataac	tttataataa	gcatttaaaa	420
ttttttttcc	tttaatgcag	gcattacaag	gagccagtca	aattattgct	gaaatccgga	480
gactcattnt	tggngaaaaa	aacntttgna	nnnttgaaa	cttgttgctc	caaaacttgc	540
tagttactgc	ctacctgagt	a				561

<210> 6087
 <211> 520
 <212> DNA
 <213> Homo sapiens

<400> 6087						
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aacttccgcc	tcctgagttc	aaatgattct	cctgcctcaa	cctcccaagt	agctggaatc	120
acaggcatgc	accaccatgc	ccagctaatt	ttttgtattt	tttagtagaga	cgggggtttc	180
tccacgttgg	tcacgctggg	ctcgaactcc	cgacctcagg	tgatctgcct	gcctgggcct	240

cccaaggtgc	tgggattaca	gacgtgagcc	accgcaccca	gcctcttaat	tcttaatggg	300
gccaaataat	cctttccctc	cgaaatataa	aaccaggaca	agagaaaaat	gtgagttctc	360
tcaccaccta	ttcccaactac	cttccccctt	cagaggccaa	gtttggcttg	catgtgatga	420
tccttgctgc	tctgtgctgc	tcctacccat	cttcaactgac	ccaacagaan	gnggcgcttt	480
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<210> 6088

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6088

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aacctccgcc	tcctgggttc	aagcaattct	cctgtcttag	cctcccaagt	agctgggatt	120
aaggtgtatg	ccaccacgcc	cagctaattt	tttgtattta	gtggagatgg	gatttcacca	180
tgttggtcag	gctgggtctg	aactcctgac	ctcagggtgat	ccacctgcct	aggcctccca	240
aagtgcctggg	attacaggcg	tgagctactg	cgcccgacct	caaaaattct	taataacctgt	300
tgcacacaag	tttttatgaa	aattggcact	tccattacaa	caccgttctg	tgggtggcaga	360
ggacaccatt	ttcaagagca	atttcacagc	atctaactga	aacgaaactg	atgatccaac	420
aatgccacag	ctagacattt	atcctgnaga	attaggagac	caactgnatt	agaatatntn	480
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<210> 6089

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6089

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cacaaatagc	tcttggtcag	atttatgaaa	gtctgtgtaa	gttagaacac	aattttacat	120
ttttttctct	aagcaatatg	caaaagataa	caatatttaa	ctacaaatat	ataaacaatt	180
ttagtattat	actaaggatt	gtacttgaag	aagttacaat	gtaatggaaa	taataactta	240
ccatattaca	ggtctcaaca	ctatcatgtt	ggcccctatt	cagagactgt	gcagcgtaga	300
caattagtgc	agcagcagtt	cttggtataa	tatatgacaa	ccaagtttac	tggtaagctt	360
gaaaataatt	cttatgtaaa	aattagagat	tttatgaatt	tctgatgggt	cagtaatttt	420
ttttcagaaa	tgttatttca	gtcacttaat	ctgnccttct	atccatattc	cacaggtctg	480
ngagttaacc	tcattccaatt	gctgatgagt	cttctcctag	gttgcaattt	cttcttaatc	540
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<210> 6090

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6090

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gcaacctctg	cctcccaggt	tcaagcgatt	atcctgcctc	agcccccgga	gtagctggaa	120
ttacaggtgc	ccgccaccat	gccagctaa	tttttgtatt	tttagtagag	acgggtttca	180

ctgtgttggc	caggctgggc	ttgaactcct	gacctcaaga	ccgcctgcc	ttggcctccc	240
aaagtgctgg	gattacagct	gtgagccacc	gtgccaggtc	tagatcatat	tttaaaataa	300
ggaactatta	aaaatatgta	tgccaaatit	acatggatta	tttcaaagta	aagtattaaa	360
ttaacaagaa	atttgtttca	aaataggaaa	ttcagttttc	tgatccacca	tctgggatgg	420
agccacaagc	aacaggcaga	ttttcataaa	agtccttaca	ggaagagcac	cactctcaag	480
ggtgaaccct	tggacacaac	agaaaatncc	aangcccaga	tccngaataa	agaaggaatt	540
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<210> 6091

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6091

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accaccacac	ccggccaatg	tttgtatit	tagtagagat	gggttttcac	catcttggcc	180
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tctaccatct	tacaagttct	nggggccaga	agcccaacta	nggctattaa	ggttaaggca	540
aggtgtcana	aaagcttcan	tncntttggg	ggangcttta	aaaaaatg		588

<210> 6092

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6092

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ataatttggg	ggggcacttc	agggactcca	attacaaagt	tcaaaataaa	tcactgcacg	180
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ctaaaacatc	acagaaaagt	tcactgactt	aggaggccca	agatgcaagc	tccagtaaca	360
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cactagggtt	cangctgngc	tcttgaggaa	aggcttcac	catgagtcta	tctggatagn	540
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<210> 6093

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6093

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gcctcctgcc	tctttttttc	cttttaaaat	aagaactatc	actgttttct	tctccttcct	120
tttttttttt	ttttttctct	agcaactatt	gccaccctgg	ccccaaaagt	tatttataga	180
gtacattggt	agtaattata	cttacaattt	agtccatgga	gtgcaggacc	atgaggaact	240
atagctagat	aagattgtgc	cagaattaga	agaatagaca	ttttactttc	agagaccatg	300
actaaaagaa	tattaacacc	aagatgctcc	ttccatcagc	tggtatgtacc	tttgggcttg	360
gaaagatggc	aagtatagga	gttgacttgg	aacggctgga	tcaaataagg	tgaaggcatt	420
tttgtcattg	tncatgtggg	gaaaagcaac	caagtaataa	gacacaacag	atatctctta	480
aggcccgcac	agntcacagn	gaccctcctt	cccagacaac	gtaangngng	acagtnccaa	540
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<210> 6094

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6094

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caaggngaaa	tgacatgcct	aaaagtcaca	caggagagct	agaagagaaa	aaaagcattt	180
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tctgctgccc	ccaaaaccaa	aaccttctnt	aaacatatgg	acatatatcc	atcaagatgc	360
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gatgatgaaa	taagttaatt	aaatgtgaaa	acatcaaaca	gcaccaatcc	tagaagttaa	480
gacaggaaat	ncnctattat	ttaaaaatagt	cncgtggattg	ggacagaatg	gaccattacc	540
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<210> 6095

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6095

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aaaagaaaaa	attaaaaaaa	taaaaataaa	aacaatgaat	cctcttccat	gttaacacaa	300
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ttaaatggca	aatagtccca	cgttgngcta	ataaatcata	ttaatttctt	ctggtccttn	540
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<210> 6096

<211> 581

<212> DNA

09629459.07800

<213> Homo sapiens

<400> 6096

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ttacaggtgt	atgctaccac	accagctaa	ttttgtat	ttagtagaga	tggggtttca	180
ccatgttggc	caggctggtc	tcgaagccct	gacctcaggc	aatctaccca	cctcggcctc	240
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<210> 6097

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6097

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tgtactttta	cagcatcttc	aaataaacct	ttaaaggata	atggtttaacg	atcattttta	180
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<210> 6098

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6098

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<210> 6099
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6099
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<210> 6100
<211> 580
<212> DNA
<213> Homo sapiens

<400> 6100
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<210> 6101
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6101
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tacaggtgcc cgccgccacg gctagctaat ttttttttgt attttttagt agagacagtg 180
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cttcctgagt tcagcatctt tatgtgcaac tntgcaaacc cttttcttaa gcttntngnt 540
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<210> 6102

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6102

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cacaggcacg caccaccatg cccagctaatt tttgcattgt ttgtagagac agggttttgc 180
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atttctggcc ttggtagact tgnittctatc ttaacacatt ttccctgagt ggtctcatct 480
acttctaagg gttaatttac cacgtactgg atatctcgag aagctcttat atgaataatt 540
tgggctcaaa ttttctccca tggcannaat tttttt 577

<210> 6103

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6103

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cctgggactt tcaactgacc agttgtcccc aaagcanaag ctacgagngg ctcttctctg 180
gcttctggca tagctgcatt cctctgaatt taggggagga aacagttggg aaataccacc 240
accaaatntg tccccaaacc ccaactcact tnttctaaac tgggctntgc agcccaccag 300
gttttcatca tctataagca ttcacacttt tcccttaaatt cacatgtcca atgcattgaa 360
cagaactcaa tacttgaaga aagtttgcca actccatgtt tagtcttaaat caatccaagc 420
ccgnggagtc ctntatcaa tggccagcag cctttgcaac agcagctggg ttcattccctt 480
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<210> 6104

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6104

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caatttggac tttcagatcg ctaagccagt gaaaagggga tcctagctgt cacaaacgtc 180
acatggtcag ggtcacctgc tgctcggggg ttctcatgcc agttgttgac ataataagcc 240
ccccttacac ttttaattaca attcacagt tgcaaaactat gcaatctgct ttaaggcaga 300

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gcatttgcca	aaatataaaa	tgggtgttgct	gaccccaatt	ctgggagatg	gtacttgaat	480
cttactgngc	tctgagactt	cttttcatan	gccacaaaaa	ggnaatgcca	tatacctnat	540
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<210> 6105

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6105

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gggatcatag	atgcccgtcc	ccatgcctgg	ttaatTTTTg	tatttttagt	agagacaggg	180
tttcaccatg	ttggccaggc	tggctctgaa	cttctgagct	caagtgatcc	acccaccttg	240
gcctcccaaa	gtgctgagat	tacagcatga	gacaccatgc	ccagctgtga	gcctgtatct	300
taatcaaagt	cctgagaata	accttgaaga	agactccctt	gcaatgagca	acaacagaag	360
aagcaaggga	cctggaatct	ggcagacctg	ggttcgaatt	ctggctctgt	cactttctgg	420
tgaagtgact	tgagtaatga	acatgagcct	ttctgggtag	cgttacagca	caaagcaatt	480
tgaggaataa	aatgaaagag	cacgtgtcta	agtgcctaac	aatgcgcttg	acacantgcc	540
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<210> 6106

<211> 590

<212> DNA

<213> Homo sapiens

<400> 6106

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ttaaaggctc	atcttgatag	gaatagaaac	aaaagggttac	cccatagttc	tcttacatth	180
ggaagttagc	tatatagagg	gtacaaggat	attcattttc	cttcaggaca	aagtcacatc	240
tgtacgccct	ttattgttga	attgcagttt	gatttagggg	attagagggtg	gtatgggtacc	300
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aataattgct	aggaagcaaa	cttaagtgat	agctggtaag	tttttttggtt	tgggttttgac	480
cagagatgat	gaagtaggtg	gatcttttct	tgggttgctn	ctaaactctt	tcatttttaac	540
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<210> 6107

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6107

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<400> 6110

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ggtttgcaaa	tattttctcc	tattccatag	attaccagtt	cagtctctta	actgttttct	120
ttgctgtgca	aaagcttttt	aattagatgc	agtcctgttt	gtctattttt	ttaaattgct	180
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caaaatggaa	ctagtaagtc	tttccctatc	aataattact	ttaatgtaaa	tggagtaaac	420
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ctatctagaa	gagactcact	ttagatttaa	ggncaccagg	ctaaaagtga	aggaatagga	540
aatntattcc	tgccgatgca	accaaaganc	ccaggttg			578

<210> 6111

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6111

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cccagcctgg	aggcgccctg	tgctttggga	aggctggggt	tgctgccgtg	aggctgccga	180
agaagctgcc	tgtgtcgccc	acccttgggc	cgacccctt	ctttggtgtg	tgttacatgg	240
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caggggcccag	gagtcctggg	ggcaacttga	aatgggggtga	agggggactga	gccattaaga	360
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acatgttggg	ggaaccgggg	cttgtcagcc	aagtaggaac	ttctgccctt	nccttcagcc	480
caagtcccan	gtcctggccc	ctgtgggcat	ttctgntggn	ccacnttcca	nggagaaacc	540
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<210> 6112

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6112

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aaaccggana	aaaagcaagt	tcagtacttc	acaaaaaat	tattaaanatt	ggcaaagtnc	180
aagtgtaggg	ctgtgactgc	anatctggaa	gggctgaaag	gtagatctat	gttcctttaa	240
ctatagtcca	ccatgagggc	ttcgcaaaagn	gtgttcccca	gtgctgatgg	tctgtgaaat	300
ttacttattg	cccagtntag	agaatgatgt	gttagttgac	caaatacttg	ttctaaatat	360
attgttggca	cggatgtggt	gaaaaggga	cacttttaca	ctgctggtgg	aaatgtaaac	420
tagtacaacc	actatggaaa	acagtgtgga	natccttaaa	gaactaaaag	gtagaactac	480
catttgacca	gcaatnctac	actagggttn	ttcccngagg	gaaagaaagt	cnttntttga	540
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<210> 6113

<211> 581

003240 59452960

<212> DNA

<213> Homo sapiens

<400> 6113

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aaaatttgtg	gatataattg	tcattcagaa	ttaagcaggt	tgattgctgt	tatctagatg	180
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ttaaagaagt	taatcaatgc	ctatatggtc	caagggtataa	tttgcacaca	gtagtttttg	300
gtttttatat	tgtggatcat	atgtatcaaa	ggtaatatc	ataaagaaca	atgttatagt	360
tggctacaaa	gggacaattc	cacatttcta	tacaggggaat	attttaaggg	tagagttata	420
tcagctatgg	tgattgagtt	taaatatccc	tgcaggggtca	ggaacaaacc	agctttccca	480
taagtcgttg	tgaacactag	ggaagtccca	agggttatgn	cttncattnc	agtggagtaa	540
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<210> 6114

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6114

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attacaggca	tgtgccacca	cgcccggcta	attttatatt	tttagtagag	atgggggttc	180
tccatattgg	tcagactggt	ctogaactcc	cgacctcagg	tgatctgccc	acctcggcct	240
cccaagggtg	tgggattaca	ggcgtgagcc	accgctccg	gccccattt	tctttttctt	300
tcttctcttt	ttttgagacg	cagttttgct	cttggtgccc	aggctagagt	gcaatgggtg	360
catctcagct	caccataacc	tctgcctccc	aggttcaagc	gattctcctg	cctcagcctt	420
ccaagtagct	gggattacag	gcatgcgcca	ccacgccag	ctaatttgga	ttttaagtan	480
agacgggggt	cttcatgggt	gtcaagctgg	gctngaactt	ccgacttagg	ngatccanct	540
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<210> 6115

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6115

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aggctcgacca	ggctcccagg	ctcccaggct	gagacaacag	aaccctcagg	gctgtcttca	180
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acccactcct	tgcccagacc	aaagtccctg	tttctctgga	catactccat	tcgccaata	480
cctangcccc	taccatgtgc	cangonaagc	acaaggnggn	attggccctt	gccctttttg	540
gaanaaaccg	ggcattnaag					560

<210> 6116
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6116
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caaattgtcaa aatgtccaca aaaaaagtct ttagaaagtc aaatccactg tccatttgtg 180
ttgggtaaga aacctatgtc ttcattcact gcatggaatc catgttaaaa gaaccctgtc 240
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agactgccat cttgatttct cagtggtagg gtccatttga aactcttcaa gctgactggg 360
tgcttgatga aaaaattaaa agaaaaaac gctgttggca tcttaatctt ttaaacagaa 420
aacatccacc caccttgaag atatcctacc attcccaaaa cttttatttg gaacagcttt 480
taactttgaa atgnaaagtg natgcaaaaca cacnncact tcttgataag actggcgccc 540
aagtancaaa gtccttgnac taccocagat 570

<210> 6117
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6117
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ataggatgct gttccccgcg gaggcagcgg ccttcagacg cacttnagca gaacacgtgc 480
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caagggtctt ggggccatgg 560

<210> 6118
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6118
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tgtgaaatat ctggaggta gctttctttt tagagaaagc aattatttct tcttccaaaa 180
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gcacaaacat ctgtttcatt tcttcttctt tcctctgacg ttcacatgg aactcatgtc 360
ttttggcttc ataggtctct tgaacactga ctggcttggt ttctggggcc acatctgtaa 420

008270.69462960

agcccat	tttc	ctccagttt	g	cagcgcct	gt	aaagctcata	gtgcctggta	tgggtctgct	480
ctcgcaggcc	tncatattt	g	naccaatgag	catttncgc	actttaccaa	gccaggggg			540
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<210> 6119

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6119

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tacaggcacg	cgccaccacg	cctggcta	tttattttta	gtagagacag	ggtttctcca	180
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<210> 6120

<211> 476

<212> DNA

<213> Homo sapiens

<400> 6120

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tcagggactg	ccgcctggg	agcagctgtc	attggacact	ggagtcaaga	ggaggcacag	180
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ctgacttcaa	gggcacgttg	agagccttca	tctttctatg	ccaaattgat	gtgactaagt	300
ggctgttcca	agcagagccc	agtgggcaaa	gatcaggact	cctatccaca	ttctgagtaa	360
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<210> 6121

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6121

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gtgttagang	gacagcatan	gctggtatgg	ctgcantgga	atgtcccaag	totaacccca	540
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<210> 6122

<211> 487

<212> DNA

<213> Homo sapiens

<400> 6122

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aagaacagct	gaactgtttga	gagaagcaag	ggcttcctag	cggccttcca	gtgtagcaga	420
taatattacc	ctgtgtaaca	gagtattaca	gagtttgcac	tttccaagtc	tgtaagtcta	480
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<210> 6123

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6123

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cgggcgcggg	ggctcacgcc	tgtaatccca	gcactttggg	aggccgaggc	aggagaaatgg	180
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<210> 6124

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6124

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aaagtcaatc	tagatggaaa	acaagttata	gggataattg	gcaaagcctc	cctttctatc	180
cctctctaag	accctttttt	gcaaggacta	gaatgtgaag	tacgtaagtg	taaagaagtg	240

ttcatgaatg	tgttttaatt	cattcaaaga	ggtattttta	aagaaagatt	tcaaatacaa	300
gcaaaagagg	agaattgtta	gatgaacata	actgtcccca	gaccaacaat	tatcaattcg	360
tagccaattc	tgttttat	ctgtccctag	gaatttgatc	ctttcaatta	tttattctct	420
caccataaat	acttgtcaga	ggaagaatcc	acttcatagt	ttgcatcaga	aaaggtatat	480
gggacgttta	ttcttttagct	tttagatata	ctggggtttct	aataaatttt	acnggaaccc	540
tnttcctaa	aagaattcna					560

<210> 6125

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6125

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gcaacctctg	cctcccgagt	tcacgccatt	ctcctacctc	agcctcccaa	gcagctagga	180
ctataggcgc	ccgccaccaa	gcccagctaa	ctttttgtat	ttttagtaga	gatgggggtt	240
cactgngtta	gccgaatggt	ctctatctcc	ttacctcgng	atcccccccg	cctcagtctc	300
ccaaagtgtc	aggagtacag	gcgtgagcca	ccgcacctgg	cctgcctatg	tccacttttg	360
gcatgcactt	ctgccacctt	gcacattgta	gactaacaga	gtttcaccat	tcctgtctcg	420
ttgcccaacc	actcaccttc	ctcaagaccc	caccttcaat	tcctgtctaa	aatatgtaac	480
atggattctc	cttgcttttt	aagataaaga	cccaaatcct	tatactgact	gnaagccctt	540
tgggggtacc	tatgnctanc	ta				562

<210> 6126

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6126

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aaccatcata	gattaaaaat	acatagtatt	tgtactttta	tgcaataggg	tcccaggatt	180
caaacaagga	aatttgattc	cagagttggc	attatgtagt	tatgtactct	gctacaaaga	240
actagtggag	gtaaacttcg	gcagtaaaat	tctcaacagt	caaataattaa	tgcatttcat	300
atacatggct	ttgcatccgt	agaggaagat	cagttccttc	agcacacgtg	ccaatttctg	360
agtcttcac	tagagaatcc	tcaacagttt	cttcttcaga	atcaaattcc	tgattatcca	420
gtgattcaaa	attatccaga	ggttcaccat	tcagctctct	attagctctg	ccatatctgg	480
acatggctctg	ntacttntgg	cagtctttta	tccccctttc	aggnggcaat	tcaatggcct	540
ttgncaatt	ctttttgaag	ttctcn				566

<210> 6127

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6127

ccaaggcgat	acagattaca	gttgotgacc	tttttgcttc	tcatatatga	aaggcggccc	60
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tcatgcgc	cat	cagggt	taagt	gcaaa	ataga	tatgt	ggtga	tggcat	gctt	taaaa	aggag	120
tcgcca	agca	tttca	agccg	ctccag	gtta	aatcc	gtcac	tagcg	tttga	cagagt	caaaa	180
gcctga	agaa	taagt	ccagg	attgg	gggcca	agagt	ccttg	aggagt	accc	aataga	aggg	240
ctctgt	ctcag	aatcc	atcct	gccct	tgagc	acttg	aatag	tgtct	gtcgt	accagg	catt	300
acggcc	atca	caggac	ttcc	atctg	aggta	gattt	gttag	cattt	ccatc	aaggta	ttta	360
ttactc	agga	gagtac	attc	atcgt	gggc	tgggg	ctggt	tctcg	taact	gataaa	ttct	420
gaatgg	aata	tgagg	naatt	ggttg	cacgg	gtattt	ctctg	cttgta	gtaa	tttaact	gat	480
ttcctt	ggca	aaagc	tctgg	tagct	aaaatc	ataact	ggca	tttgg	cga	atttg	antgg	540
aanaaaa	anc	cttaatt	ggt	gggaaa	aaac	ntgg						574

<210> 6128

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6128

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ctgctg	cctg	gacct	cctgt	ccagg	attgc	ctcaag	caat	cctccc	acct	cagcct	ccca	120
aatagc	tagg	actac	aggcg	cacgc	cacca	tacc	cagcta	atttt	gttta	tttttt	tgt	180
gagatg	agtt	ctcact	atgt	tggcc	aggtt	ggtct	caaac	tcctg	gggctc	cagtga	tcct	240
cccacct	cgg	cctg	ccaaag	tgctg	gggatt	gcagg	aatga	gccact	gtac	ctggcc	caga	300
gcatac	cttaa	tgtgg	caagc	acttct	taggt	aagtgt	ttaag	tataga	aaaca	taaaga	agac	360
caaacc	cctag	catcag	tgat	cttcc	agttc	aggaga	aaagc	ggtaatt	aaaa	catac	ctgt	420
ccagaca	agt	gcaat	gtaaa	tgtgt	tcagc	acaat	caggg	gtatg	cacaa	tggg	ctttag	480
ggaaac	agag	tanagg	catc	aaagt	cattc	ttatag	gcat	gtcagg	aaag	acttgg	aagc	540
atttcc	ngaa	ntttg	gggctc	aaaan	atgng	ag						572

<210> 6129

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6129

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caaaca	caaaa	gggcc	cagca	ggctg	agcaa	aagaac	agag	acact	ctccc	tcact	accac	120
tgggcg	ccct	ggacag	tccc	ctgag	gagta	ggggg	catcc	agtct	tttggc	acgg	tgcc	180
ggggc	aggaa	gtgact	tagca	tgatc	ccagc	tacc	cctctg	tggga	aatact	gccac	caaga	240
ggcag	ctctt	tgg	tctggat	aaagt	cagtg	caaat	gtcca	gggg	tcaagc	tctgg	aggaa	300
tgagg	gtggc	acagt	gccct	aggg	ctgggc	agtct	ctgaa	cagt	ctcctc	agcc	ctcatg	360
ggcaac	atgt	ggg	cttcttc	ttg	ctggcag	ttagg	tagag	gtt	gtgtca	tcact	gttga	420
tgcgg	acaac	atccc	caatg	cgtc	gagccc	ccgatt	ttctc	cag	ctcacca	gcac	attggc	480
ctcaa	aggca	atg	cttgca	acnga	anaaaa	aatt	ctnggc	attnt	taccc	cgngg	agatn	540
aaaat	gnca											574

<210> 6130

<211> 534

<212> DNA

<213> Homo sapiens

<212> DNA

<213> Homo sapiens

<400> 6133

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gcgcgccacc	cctcagtgcc	ctatccgcac	caccatcaca	gtgacgttgt	cggctgagcc	180
ccgctgcacc	gccttggttg	ccagcctggt	gcaggctgct	tcgtagcggg	cgtcggctgc	240
ggacttccct	tcccgggtct	ggatcttttc	atcctcgaga	caggacaaga	tgaagttcac	300
ggcttcttct	ggggtaaaga	ccttgaagag	cccatcacag	gccaacaaaa	tgaacctgtc	360
attggggggtc	agctggcagc	gtctgatgtc	gggcacagag	gtgacaccgc	agcgccttga	420
ctgcccgctcc	ccaatggagc	gtgacacctc	tagcacgccc	aaaacacgcc	catccctgac	480
gtttccttca	gcttctgnat	cctcatnogn	tcttcatact	gagttngaag	atgctctttg	540
ctgangctta	angnttgatg	gtttgacttt	ctaata			576

<210> 6134

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6134

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tacaggcccg	tgccaccacg	cctggctaata	ttttgtattt	gtagtggaga	tggggtttca	180
ccatattggc	caggctgggtc	tagaactcct	gacctcgtga	tccgcctgcc	tcagcctccc	240
aaagtgctgg	gataacaggc	gtgagccacc	acacctggcc	tctcctcctt	gtttctaagc	300
tgatctttta	gccagtcgt	ggaaccagat	catctaccaa	ggaaggcagg	cagtctgggg	360
aggcagagac	aagggaagca	agctgggtgt	gtggggaggc	gagcaccagc	agacagtaga	420
agggccccaa	cacatgcagg	angtggcctt	cagggcagga	atgcctataa	ggatanaggg	480
tggtgaatga	aaatccctgg	ttaaacttac	cttctcancg	gcaggaaggt	naanggcttg	540
gcttaantcg	nccacttgcc	aagcttaaca	gg			572

<210> 6135

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6135

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agatcttata	ggtcagactg	ttaccatgga	gaacgtccgt	gctgaaggat	taatagatag	120
ccgggtatcc	tggaaaagt	tgtgtgcttc	atacacagat	aacattagca	tactcataaa	180
aaaggctctg	gccaaatggg	atcatttggg	ttttgaaact	ctagatattt	gggatatcca	240
gtggaataat	acatggggat	gaggtggggg	atgggaattc	aaatgacagg	cccttgtgcc	300
agagagacac	tcagaaagtc	aagcaagcaa	gaactgagat	gtgtctcgag	catattttgc	360
attatttggg	tccagaatag	caacaagagc	tgggtgtagc	tactgtttct	caggctgggt	420
tttacgtgct	tttggtagct	tcataagccc	caaatccttt	tctgggntca	attctataac	480
atgggncgtc	ttctaaactc	ctcggtacta	ctggnaagtt	gggncacggg	caacatggac	540
ctatggaatc	anaatctgca	tttaataaga	ctggcngg			578

<210> 6136
<211> 566
<212> DNA
<213> Homo sapiens

<400> 6136
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caacctctgc ctcccaagtt caagcgattc ttctgactca gcttcctgag tagctgggat 120
tacaggcacc cgccaccacg tccagctaatt ttttacattt ttagtacagg gtttcaccac 180
cttggccagg ctggtctcaa actcctgacc tcagggtgaac cgcccacctt ggactcccaa 240
agtgtctggga ttacaggcgt gagccactgc acgcagccta cggaatgcctt ttaaaggaaa 300
ttcttataga cccctaaga aaatgtctct gattccaacg aatcctggga ctggacaatt 360
agataaacac tgtcttaaga attagtacta cgccttaaaa aaaaaaaaaag gcttttcaat 420
tgngaaacat cacagcaaaa taagttcatt tttacaacta gtaaaatatt agactatcat 480
aattatcaaa gtttatgatt catagnaaaa tgggttagac tcagaatgng aaattaggnt 540
taaaaaaac tgggtggttn tactaa 566

<210> 6137
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6137
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agaccttata acttattaaa ggttttatag tgcttacaaa gttgattcta aaaaatatac 120
cttatttggt ctaaataaat aacattatct ggaagatata ataataaatt atagtagtat 180
gttttcacc acgatagtta agattgtgta cacatattca atatgaaatc ctcttaggat 240
ttcacacct tcagcctgaa aacataaaaag cagattaaag tttggcatac aagatctcag 300
tctgatagta attgctttta aactcaaagt gtaaaaatat ctacttgaca ttctaggaaa 360
gcatggccac atgcacagac acattctctc actcactcca acacacacgt gtgcacacat 420
actcacacc cagagtactc agaagatctt gcccttgngg atcagacaac tggcaccaat 480
ttcaaaaact aatggaaaaa attagctaag aatatggtta aaccatactt aanaagggtgc 540
tgngtgnat taaganccta acatgcnaa naagccctct caa 583

<210> 6138
<211> 514
<212> DNA
<213> Homo sapiens

<400> 6138
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gccaaccccc acctntgcca atgtgactgg gtcaccaccc catacaccag agcagccttg 120
agccctgccc caccacctgc cctgoggaag ccaagtcccc agctataana ccctgcccct 180
cctgngggcc caggaccctc aaagatgcac acaggggccc cagcgagggg cccctccgtc 240
attagccttc tcctccaggc tgggctgcca agcagcctgg agctgagtct gtcccttgga 300
cgctgggcca cgtcaccttc tcctccagaa ggcttcacct atgggcccag gaagtcctcc 360
ttccgatagc ccttcgcccg aaagtcacgg tggagcttgt tgnactgcca caggttggcc 420

aggaggctgg atgcttgccc gggaggactt ntcactggcn gggcttgccc gcttnttntt 480
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<210> 6139

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6139

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ttttcttgct tgctcaggac tattaatttg acaaggttgg aatgtgcaca gcacagctga 180
gacaccacca ttttaacact gaatcactat accatgaact gacagaaccc tgcatagaagg 240
atgaaaaact catacccaaa gtcaagaatc acacagcagc atggagggggg aaaatgaact 300
atatgatgct aaccgcattt aatttcgaag tgggggggaaa cagggcattgg ggagtgaata 360
atggttgaag ttccaggctc taactgtcat ccttaagtaa attaatgtaa actcatctat 420
taaaaagtga gttaaaacag atgagtttta aggtccatct caactctaaa tgagatccta 480
gcaaaaccan ggaatccncc ctttagatcc ttatgaaacc caggaaaagg tggggcccag 540
tgcttacctg aggcacagtt ggaaccaccc tn 572

<210> 6140

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6140

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aactctgtca tcatcccagt gtgaaagtg tttagaaacc atatattgtaa aggcagggtca 180
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ctgtgtttat gtaccaggct tgataaatac agaaacaaat gagaccagaa ctacaaggta 300
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cccagggaaa tgggaggtgc tctcaccat ggcctcagcc tttncagtac ccaagaagtg 480
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<210> 6141

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6141

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6142
 <211> 569
 <212> DNA
 <213> Homo sapiens

<400> 6142						
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gtttccaggc	tccaatagca	gttctgttaa	gaacagacag	ccagtatcat	cctgagcact	180
gaggtatgct	ttccatggcc	gagacccagc	cctactcatt	gcgatgggtc	ggatgttcac	240
tacttgaaga	gccatctgga	gggtgtcagg	atggaattct	ccccgccaa	gcaacacttg	300
ccgatgagca	actttaaggc	taagccaagt	tttctcaaaa	taatcagcag	taagctggcg	360
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<210> 6143
 <211> 570
 <212> DNA
 <213> Homo sapiens

<400> 6143						
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gttgattga	gcttcctttc	aacttcatct	tatcgtaggt	gtagaattaa	gtttcggacc	480
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tcaggaatgg	gcaaagaact	gccttaccag				570

<210> 6144
 <211> 583
 <212> DNA
 <213> Homo sapiens

<400> 6144						
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008240"69462960

gtgcgcttg	ctaatttttg	tatttttagt	aaagacagg	tctcaccgtg	ttggccaggc	180
tggtctcgaa	ctcctggcct	caagtgatcc	acccaccttg	ctcagcctcc	caaagtgcctg	240
ggattacagg	cctgagccac	cgtgcccggc	catgttgctt	ttataattga	gatatttcat	300
ttgttttggg	ggttaggcaa	atttaatttg	ccatttcctca	aactcagtaa	cttcaaatat	360
aaacaatgcc	tagaatgaat	atggttcctc	attattttcta	tcaaactact	acaaatactg	420
aagaatccca	aagtagtttt	ccacagaggc	agaaaagcag	ttcaaggggt	tgaaaatctt	480
caatattaat	aagccctggg	acatttnaat	gggactttat	atttcaaggg	aatgcaattt	540
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<210> 6145

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6145

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gtggcctggc	cagccctccc	ggggctatgg	ctcagtgctc	agtgagtgac	agctgcagga	180
tccgctgtaa	gtcctcctcc	tcctgctgcc	cgcgccgctc	ccgctcctcc	tgctcccgtg	240
aagacaactc	cagggccagg	cgcagctgct	cttcaaagct	gggtggaccg	ggggctgggg	300
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gggcccgcctc	cagctgaagc	tgttcctcat	aaaccgtggc	ctggggagga	gggcgggcac	420
cgggcccggg	tgttgggtcaa	gggcttccca	gacggtcacc	tgctccgnct	natgcccgtc	480
tcaagcangc	tctgctggat	ggcgaactgc	aggaaggcat	ngncctcgctc	ccgaagggtc	540
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<210> 6146

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6146

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actgcagact	tgacctcccg	ggctccagag	atcggcctcc	caagtagctg	agacaacagg	120
tgtgtgccac	gacatccggc	taattttctta	atttttctgt	agggatggga	tcttactatg	180
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cgaagtgtctg	ggacttacag	gtttgttcca	ccatgccagc	ccacaggctg	ttttttagga	300
ctagaagaca	cttctctccc	ctgtatcctt	cccttcttct	acatgtgcaa	cctcattcct	360
gcgctacagc	tctctcttta	ccaggtggat	ggcacctata	cacctacagc	ctgggcatca	420
gcatcactgc	tggcgtctcc	ccctacccaa	cgcagccct	tacttacctt	ctattctctc	480
atctacttctg	atnggctcc	tcatttgggc	cccaccatca	ttcccttctt	gnttgggaagc	540
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<210> 6147

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6147

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cccgagcagc	tgggactaca	ggcgcacacc	accacgcccg	gctaattctt	gtatttttag	180
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cccgcttgg	cctcccaaag	cgctgggatt	acaggcgtga	gccactgcac	ctggctggaa	300
tatatittaa	aataatatgc	atgagaaaat	aaccagtttc	ctggacttca	gaagaggaag	360
aaaagttgcc	ctccctctca	tttctttttg	ctttgacaat	taaaacatca	gacactactg	420
ttcaaaagca	cccaaagac	cagtgcataa	aaacaggtag	cccctaattc	atctgcataa	480
gacataactg	nttatcaaac	cgattataat	caagcatttn	cnaacagctg	gcttatttct	540
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<210> 6148

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6148

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acacgtttca	catttataga	ctttctctct	aagtttnga	tttgacatct	gtggaagggc	480
caagncttgc	ggaagacttt	tccaacgctg	gcccanttac	anggttcttt	tancatgcgt	540
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<210> 6149

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6149

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ctactaaaat	atatgttgat	ctacataatt	agaaattatc	angnaagtag	aattcotaatt	480
tggatcacca	taatagncat	gggcctttcc	ccaggttttg	gaacctgaca	attttgcaaa	540
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<210> 6150

<211> 576

000220" 69462960

<212> DNA

<213> Homo sapiens

<400> 6150

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tcataaatta	acaggaaagg	atgagaaatc	tccactccac	tccctcctcc	ctcccttgat	180
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ccatccagaa	ttttgcaatc	agaaatacct	agaaaagaat	tatttttagaa	gaacaggggg	480
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<210> 6151

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6151

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tggtcctgaa	ttttaacatg	ttttgctcta	cattaattca	agaaataaaa	tgagaaacag	180
ctttgaaaat	gagattaact	cctttgctgt	aattatactt	actctataat	tcaaactatt	240
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ttaaatgttt	actgttctat	caaaaactcag	acccaagctg	cacagggtgta	acttgaggca	360
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aaaatcactg	tcatacacaca	taaacatcag	aaacttttct	tggacaacta	gaccaatagt	480
ttcctctatt	ataattattt	ttaaatcaag	catgtgtaac	agttcagcat	ttaaaaggac	540
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<210> 6152

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6152

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gacagatttt	tctcttctta	taggatttga	agaaaataca	ttgaacaatc	accaatttat	480
ctggtaaaga	acaatctact	ttaagatagc	ttaaaagtta	tangtgccan	gccacaagat	540
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<210> 6153
<211> 580
<212> DNA
<213> Homo sapiens

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atTTTTTgt agagacaggg atttgctttg ttgcccgggc tggcttgaaa cccctggcct 180
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<210> 6154
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6154
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ctgccactct ggggtcantg agggctttcc ggggaagcca cactcaccgc caggaggagg 480
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<210> 6155
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6155
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gagaagcaag aattaaggga aaaactagcc agcccagcat gagccatgat tccgccagcc 420

09629469.078800

accattatag	ctaattat	tattacaatg	ntttcanaat	tagatctagg	ngacataaaa	60
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gcaataatag	agaactttta	actttgtatg	tcacagagaa	tgnatatacc	tttttaataa	180
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taaaagngtc	atcaggatta	gatttggttta	cactttgncc	tagctaactt	ttaacaaaca	300

aataattcta	atgctatttta	aattattcca	gaccacagga	aaaaaattga	aaactcacat	360
attcatattt	ttttaaaagct	agcacaactt	caataacaaa	acttgataaa	gatagcatca	420
gaaggacaaa	atacaatttt	actttggaat	gaaaatgcat	aattctaaat	taaatactgg	480
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<210> 6159

<211> 592

<212> DNA

<213> Homo sapiens

<400> 6159

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atgaaaacag	atgatgtaag	cattccaacc	tctccttgac	ttgccaatgt	tagtcatgtg	180
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ctgattctgt	gacttcaagg	atacatTTTT	ttcttttatt	aaaggagcat	catatgactc	300
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atttaaatca	atcaactagt	ttaggaataa	acatgacatc	ttttgaacaa	tttgcattga	480
gaacttggn	tataaaaaat	gggaaattag	gacttaggga	tttactggta	aatactcctg	540
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<210> 6160

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6160

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ataggtagcc	aacaatctca	gaattttgga	tcagcccaga	tgagatagc	aatttgaaat	180
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tgttttcgat	cccttactta	aatgatgaaa	tgtatatcat	actatctgta	aattggatat	300
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ggaaatttga	tgctaacatt	ggcactttga	angcaaacta	tttttaancc	aatggatttg	540
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<210> 6161

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6161

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ataattttctc	cttggcctca	gaggcacctt	tactgcaggt	gagggtctctt	tcaagcccag	180

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<210> 6162

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6162

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tacaactgca	caccaccagg	actggctaac	tttttcgtat	tttcagtaga	gacagggttt	180
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<210> 6163

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6163

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aatccttag	aatatcaaga	ttaagagaga	cttaatggcn	gaagaaaaaa	gctactgggg	540
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<210> 6164

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6164

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<210> 6165

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6165

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<210> 6166

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6166

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actggnctcg	gaaaaagggg	taagggaagg	tcccattgga	tccaattttt	gggaaaagtt	540
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<210> 6167

<211> 573

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6167

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<210> 6168

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6168

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acagctaccg	acagaggagg	agggcgcact	cccctggagg	aggagcagga	gctgtgagcc	300
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cagccaaggc	ataagggtct	tgcagcttag	gaatcaatgc	ggaactcaga	tctacatgaa	420
ttccactcag	caaatgtaaa	gccttttttc	cccttccctt	ccacatctct	tctgggatga	480
gccccatagg	atcctggagc	aggggatgtc	ccaggggccag	tcagaacctt	accggagtgt	540
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<210> 6169

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6169

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ctgggattta	caggtgtgag	ccacatcaaa	atttaaaaag	caaaaaagac	cccatgattc	180
tgttacactt	cttattttta	cttgaatata	nagtcctttt	gtttgtttgt	ttgtttgttt	240
ganacanagt	ctcgcnttgt	tgccgaggcc	anagtgcact	gacgcaatct	cggntcactg	300
cagcctccac	cacctgggtt	ctaattgatt	tcgtgcctna	gcctcccag	tagctgggat	360
tacaggcatg	tgtcaccaca	cccggctaatt	ttttggtatt	attagtagaa	acagcatttc	420
gtcatggttg	cccaagctgg	ntttnaactc	ctgagcttan	gcaatncggc	caccttaagc	480
ttccnaaagg	gctaggatta	caggcatgaa	nccncatgcc	aggccaaata	agaccctttt	540
taatttgaat	taccatcccc	ttaagcngg				569

00629469.072800

<210> 6170
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6170
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ataaatgtta aattaaaaaa ccttcaaaga acacatatca cacattcaat ttttaaaaact 120
ttatataaaa gctctattat aaatacaaag ctaaactatc tgagtactaa caacacagtt 180
catacaaaga aacttaacag tagtaaaata cagatatata agatgcttat ttttggtcct 240
ttaggataaa agaactaagt tggTTTTTT tacatggctc caggcacaaa aatagaatat 300
aagatggtaa ctgcaacatt cttagtgttt atccttgtaa ttctttaaat gtcaccagtc 360
ataatagcaa tgaactcctc ttggTTTact gtggtaagaa agaaaatgaa atagtcagaa 420
atataaacat tttattTTTT cagaatccac gactaccatt ttacactaag tatttaaaaa 480
attttacatt atgcaaaatt attacattaa gacatggctt tttggctttt acttcttttg 540
taggaagngg acctggttat taaaaggnac tttttggtgc caaaatc 587

<210> 6171
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6171
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aataaactct ttatattgaa ttccattcca taataaaaaa aaaaaagaaa aaacaaaaaac 120
aaagcaagga gctctatttt tgggaaaaca atgggtgctc actgcttaac tggattgtat 180
tttatttggc ttttcaacac ggcaatacaa acatattatg aaatgagtga aaagggcata 240
ataattttat tctaggtttc tactaccttc atgattaaga cttaactagc tactgctgct 300
tgcccataat ccactacagt ccctaaacaa aaaaactatg aacaaagaca aaaataatct 360
gtaatttctc ctacaaaggt taacccaaat taacttacag cagaggtgaa caagctactg 420
cctgtgtgcc aacataaccc agcttgTTTT tattagtaag gttttacata ttatctatga 480
ttggtttcac actacattgg caaagctgaa taactgcaac agaaatcaca cagcctgcaa 540
agcctaataa ttcctatttg gcccttaaaa gaccnnaaaa tttggtgc 588

<210> 6172
<211> 585
<212> DNA
<213> Homo sapiens

<400> 6172
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agggggctga aaccaggga ccaagtggtc ttgctcagcc ggtccattc ccgtggagcc 120
cagcagtcta agaaccactg gcttgaaatt ctactgcc a gcacagcagt ctgaagtTga 180
cctgggatga tcgagctTgg tgtgggaagg ggcattccacc atttctgagg cttgagtaag 240
cagttttccc cgacagtgtc aaggaggctg ggaagtTcag actgggcgga actcaacaca 300
gcgtggcaaa acagctgtgg ccagactgcc tttctagatt cctcctcaca gggcagggcg 360
tctctgaaag aaaggcggca ggcccagTca ggggcttaga gataaaactc ccctctccct 420
gagacagatc acctcaggga aagggtggct gtgggcccag cttcagcgga tttaaacatt 480

cctgcctgcc	acttntgaaa	aagtgcanca	gatctgacaa	ggaggattta	ccgcacaact	540
tgacttttga	aggacagntt	gcttctnaag	ngagtccctga	ctcgg		585

<210> 6173

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6173

caaaatgaag	aactagtatt	ttattccatc	ttacatccat	acaatcctat	taatgggagg	60
agggcaatct	tcagaattca	ggagttctga	tattgagaga	atataaagga	taaaaaaaaa	120
ttctctcata	tttaaataaa	gaatccttct	atgccaaaga	ccaacaacaa	ggcaacattt	180
accttgaaaa	ttgcttagng	tcctttatgt	gtaattccag	gagggaaaaat	ctgctgcctc	240
attcttatct	ttccttctac	tcacgaaaaat	gaagatacgg	tcctttccata	tcaattcatc	300
tatagctctt	tcactcaata	attaaagatt	tgggaaatat	aacctatggt	cttgggtcaa	360
caacttccca	agggaagaag	catcttcagt	aactctgaac	ttcacaggaa	aagggtaaat	420
cttgaagatg	aagtactggc	aaatatatgt	catatccttt	tccatttctt	tgaatgaaca	480
tacatncatc	natanagtcc	ttggatgnat	ccagctggaa	agaanggggtg	aggtaggacg	540
ttnttcgggg	catngtactt	gaatgatgga	tttatc			576

<210> 6174

<211> 597

<212> DNA

<213> Homo sapiens

<400> 6174

aaaaacagga	gactatttta	tccatctaaa	aatacaaato	aggaaatggg	gggaaccata	60
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caaggcttga	tgtttggaag	gaattatctg	ttcttcaact	actcccagat	actcaagaca	180
taagttacac	acatctggag	aagggttctg	ccctgctgaa	gctagatggg	agctcaatgc	240
atgggagaaa	ggagcatcaa	tctagaaaaa	aatgatcaaa	gaacagctga	gtgacagtgt	300
ggggccatcc	caggcaagtg	ggctcttggt	gctctgggtg	agccagaacc	catacaagct	360
gggctggcct	aggaagccca	ccagccagcc	tgtgttcagc	tacagcttct	gtgttcttat	420
ttaccatcat	cagccacagc	ccttggggagc	aaagccctta	gacgccttct	tcaagcccct	480
gctgggtggg	ttcatcatta	tcttggcctn	ttccaaatct	gaatgnaagc	ctttgacagg	540
gggatcattt	ggggaaggat	gtcagtcncc	tggaggcttg	gaatcatacc	attgccg	597

<210> 6175

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6175

gcgacagccg	cactttattt	ggagtttttc	acctaagcag	ctcccagctg	agctgcatga	60
catgtgcaaa	agtcccctag	aaagctgggc	ctcgcagtgt	gtaaaaaagg	ccccccatgg	120
ggcagagccg	tgcaaccatt	ttaaaaaaaag	agacagttag	agagaaatca	ggccccctgg	180
gagcctggct	tgggtggagt	gcacatcgct	caggccggtc	catgtgccag	gccactcctg	240
ctggtttggg	ggctgttttc	ttctctgatt	gtgcttttct	ttccaagtcc	ttaaaactct	300

gtggcccaat	cccaggcttc	atggtgatgg	agtgggcaga	gcaccctgcc	ttcatgactc	180
ttagtagaca	gggaccaaga	ggaaactctg	ggtgggtccga	ggtgggtttg	agaaatggct	240
ggcatttact	ggccaccaaa	atcactacag	attctgtaca	agcaaaagac	aaggcaccag	300
aatgtaagt	tctctcctgg	gccccaaaatc	ccttctcctg	ggtaccgtcg	tttctggctc	360
caggctcagc	catagtata	gacaaaagtca	tagctgctgg	gctccttggg	gatggggggt	420
tgggcttcgg	gaatctggat	gttctccagg	tccaggaacc	cgcagcttca	tctncatgct	480
taacaaggtg	gccangncac	ttttgggcaa	cttactggac	atgtccttcc	caaaaaggca	540
cttngggccg	naatccnaat	ccn				563

<210> 6179

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6179

gaaaagacca	agtgggtggct	ttattagggt	aaatatatca	cagttgctac	agtgaattga	60
gctttctcag	aagctattat	tttctttggg	tgattggcag	gtatagggca	atagccagtg	120
gggtgtcagt	aatatgccct	gtccctgacc	tcaaaggtaa	agggatagaa	aagagagggc	180
gttgacaaac	tcattttccc	acttcccact	catggcttat	attatctctg	agcatctcgg	240
tggctattcc	tcattttactt	aagatgtttt	agtcattctg	gatgtgcaaa	tgcaaggcaa	300
gcattctccc	actggccccc	taacggttaa	ctatcctggc	ttaaaatttt	cctttgctca	360
cttcattct	atgagtatat	cgatggagca	gctggacatt	agagttcttt	ctctttgacc	420
aaaggagcca	aaatgcgggtg	acttgacttc	aaccccaaca	gcccctgtaa	gtagccctgg	480
ccaaacagaa	aggctaactg	aatgaagaaa	aaaggaagac	aattcatctc	agtggccctt	540
tttgacagct	tncaangggg	gtttgcctaa	ggaataacaa	ttttcntaa		589

<210> 6180

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6180

aaaacttaaa	acgtttatatt	ctggtagaaa	tgataaatac	tttgactaa	aaatctggaa	60
ttcaagtttt	cctcgtactt	catgotccct	ccctgcccc	gaaccttaca	aaaaatattc	120
tgtgtagaga	gggaaagagc	tggtgcctgc	tctggaggca	acgtccagg	ccgggaaagg	180
cactcgtggt	ctgtgatctg	tctcagtgat	gggaggtctc	cactcgcccc	acaggcagcc	240
tagggaccta	ggccgcccc	tgatgagatg	ccagcatccc	ctcagggcta	ggcctggaca	300
gaggctgctt	gtcttggggc	attagcacia	ccactcacc	agagcagtg	tcctgcccc	360
agcccctccc	cagagcagtg	ctctgtcagc	ccgaatccca	aaggtcacca	ctgtcctgac	420
tgctgcagga	acaatgtgag	gctttatgtg	gatcaactgc	gccaatttgg	ctgttgactt	480
aatgctcctg	gtgggctgct	tatggttaaa	aatggtggtt	cctgggttgg	gaagggaaan	540
gggttacctg	naaccnccgg	aacnnngctt	ctacct			576

<210> 6181

<211> 581

<212> DNA

<213> Homo sapiens

09629469 02800

<400> 6181

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agttgaaagc	tctagacaag	acagctgaca	aagatggact	ggaaaggagt	ctctgagaga	120
gattttatag	gtcacatgaa	cggactcact	gttaagcaga	gcctacttta	ggtcttacct	180
aatcaaagt	gtgaccagt	tagccgatta	atacacactc	aattagatta	gcaaggagta	240
acatgctgtt	tcaagtaaaa	aacttttggt	gtgaaattgc	agctgtttgg	agccatttag	300
tagaggcaga	gggcatgcag	catggtcagt	acagggtcct	ggggagacgc	tgtaggagag	360
aaggtgcata	ccctcagcat	gctcctgcag	tgcccagcat	cctaaagtac	tgggtggcca	420
gcagcctgct	ccagagactc	tctcaaacgg	ttctgtttgt	tgaagtctcc	catgagatcc	480
tncccagcac	atgggagtag	aaataccatg	caagttcgtc	tggtgacatc	ccagcaaatt	540
ttnggcactt	catganaccg	tgttcctttt	caaaaggcag	a		581

<210> 6182

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6182

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnn		586

<210> 6183

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6183

gagatgcata	ttttccttta	ttgctgaatt	aatgaggcac	caataatctc	aaaaacacaa	60
gtcagacttt	attctgaaaa	taccataaag	agacaaaaag	agttagtcaa	gtattcttgc	120
ctgctggaga	cacagaattt	caatagcacc	ttttttaaaa	aaagacatga	acatttataa	180
aattgcagaa	catatcttac	atattcacat	ataaaatcat	gaaccaataa	taatccggat	240
ggaaaaactg	atctgtttca	tcaacatcaa	taaacatttt	gttgagagtt	tgttccacat	300
attatacttc	cctcagtata	ttagaagtac	ttcagctttc	tatttgaagt	ggttttccta	360
aaaataacct	tttcccctgc	tcaggataac	cagctattat	tatagtatac	atattataat	420
aacaaggnat	atgtctttga	cctcatatat	gactncccag	ttgctcagga	atagattact	480
ttcatacaca	aatgggaaaa	gatgtcaata	ttgatgatag	tatcgaaaaa	gtggagctac	540
tttaactgng	taaattaacg	atgnca				566

<210> 6184

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6184

gagatggagt	ctcgctctgt	cacccaggct	agagtgcggt	ggcgcgatct	cggtcactg	60
ccagctccgc	ctcccagggt	catgccattc	tcctgcctca	gcctcctgag	tagctgggac	120
tacaggcgcc	cgccaccatg	cccagcta	ttttttagt	tttagtagag	acagggtttc	180
accgtgttag	ccaggatggg	ctcaatctcg	acctcatgat	ctgcccgcct	cggcctccca	240
aagtactggg	attataaggt	gtgagccacc	acgcctggcc	aataaaaagca	ttttaaaata	300
ccaaatattt	taaaatacca	aataatcaaa	aagtagttgt	caacactggc	caaaactgcc	360
aagatgttaa	cattagagga	ggcttgaaga	agaaagaagg	agggaggaat	aaaaaccaag	420
gagggagaag	agctacatta	aaaagagaga	gagatgtgaa	atgaatccac	aacgtcatca	480
tctaagcaac	aaggnacctc	ttcatcctgg	attctggcac	ctatatcata	tttcnttaaa	540
atggnatgaa	tcaanttttn	caaattggcan	g			571

<210> 6185

<211> 568

<212> DNA

<213> Homo sapiens

<400> 6185

gtagagacag	ggtctcacta	tggtgcccag	gctggtcctg	aactcctggg	cttcagtgat	60
cctccctcct	tgccctccca	aagtgcctggg	attataggca	tgagccactg	tgcccagccc	120
tcataaagtt	ataatatggt	agcctagggc	tggtactcaa	tatgctgtgc	ctcgcagtat	180
aatattttta	cacactcaag	cttggttagct	tttcagacga	ctttgggttt	atagttttta	240
aatgtctgcc	agtaaatcag	tcaaatgcaa	atgctaaaga	ctgcttcttc	caatatatca	300
ttaaactcat	gaagacataa	aaatgatcta	ttcctgctgt	caatataaaa	tatagaaaatc	360
ttagacctaa	aagttctgca	tatactttca	ataaaagtag	aaataacaga	agttactgag	420
tttgattaag	agatgactcc	aaaaccttta	acttctgaag	ggatcatcta	cagcattggg	480
tttaaaacta	gaaaataaga	ccaacaaaaa	tatccaaata	cnggttgggtg	aaaaactatg	540
ccatctatca	attngaattc	aaaaatcc				568

<210> 6186

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6186

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tatgataaat	acagtaagaa	aataacttta	aatttcaa	aaaacagtga	atcagggaca	120
gaattcagtc	aaaaagaata	agcagtgtaa	aggcaataaa	gtaataaaat	cagttagtgc	180
ttaattagat	atggcagggg	aaaaggggtg	ggagggggag	actgagccta	tctcataatt	240
gtttcccagc	tatatgtgag	gactgaagtt	actttagcaa	gtatgttttg	taacaagtag	300
aaatacaata	aagatgtaaa	tttgctttat	ttaaagggtta	aagttatttg	cttagtggtta	360
cataaaaaggc	ttcagaaaat	tcaagtttaa	caaaaaatgg	aagtgtaatc	aaagaaagtg	420
cacttaaagc	tgtttgccag	caattaaaaa	gtagcttcta	tacagcttct	attagatgac	480
ttttcaatca	caaaaagagc	atagtcataa	aaaccattct	tttcaaaaagt	gccgttttaaa	540
ttttaaaata	aaccnaaata	cccccaatca	tggn			574

009220"69462960

<210> 6187
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6187
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cccaatttct acccctgtca ttaaaagtca ttctttccct tgcttatggc atgtctagct 120
gacagagggc aggacaactt ttcaacaggg aggtcccact ttaccctaa tcttggaat 180
gccattccca tgagaggctt tcctaagatt ggtttcagaa gtgtcacagt tggggtcaac 240
aggcagggtc atgttctgcc ccctctctag tggcattctc tctggggaga aagatcctag 300
gctttctcaa ccatcagtgg atcactcaaa acaaaaacaa aaagaagcag caacttacaa 360
ttcctaccac atgtatcgcg ttcatctctc tattcttagg tcctaggagg gtcattatat 420
aaagaaatga atgactagat aaatgactgg aaataatagg atgaaaaaca tctgttcctt 480
caggagtcc atttctagcc nggagactga gaaggcattg acagtgaan tgcaagtgcn 540
gtgaangaac tntangctca ngggcccagg 570

<210> 6188
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6188
gcaatttcat agtttttatt cagtggactt aaagccaaga aaccatccca ataattattt 60
acaatttaaat aactgaatga ttatcagatc gtgttatact gcaaaaactgt tcttacacca 120
tgaatgctga tgctgtgaac tttggatgtt aaactggtaa aagctggagg cttcaaatgg 180
catatgcaaa tgtaacaaaa gcctgaggac tatgaagaaa gaggagtctc taccactcgg 240
catttatagt ttttatatgc attgcagaag catggggaat taagtgatct ctgaaaaaaa 300
tgctttaaaa aactgagtat acatatagcc tataaggtaa aaatccaagt tacaagtgt 360
ttaaacactg gcaactatgt tatcagaggg aatactgaat tatatatata cataaactgt 420
cattaaactg tgattacatg atacttccca ccacagctta ttagactgtc aacagaagat 480
attcctggng gctctctaag ctccaggttt aaaagaatta agatcttccc cttggctcaa 540
agctaatacag tatcattcta tacctaaatn 570

<210> 6189
<211> 342
<212> DNA
<213> Homo sapiens

<400> 6189
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ttctctcctc tattttgtct ctcactatc gtgttttgtg tttgtttcta gggttggtc 120
aattggtaag ggtgggattg aatttgctga gccccctagt gtaacagtct tctgcctttg 180
tggtgtaaaga gtggagaggg gggaggggga cgacagacag acatcccttc tccccacccc 240
cctccccacc tgccccccgg caaccgaggg tgcccatttg gtttggtttc tattgnacag 300
acatctnang atggctcaca taggcggnaa ggangaagn cn 342

008220" 6945290

<210> 6190
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6190
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aaacacaaaa tatatttctg tgtcatgcc a gctcattata taataaacat gttatgacag 120
ctaattctac tagaattact gtgaatactt acagtacact gaattttatt ctttcacatc 180
cattttagtt ttaaagagag gttcacgagt taaatgacaa tggcatggct atcttgaatg 240
gggtgcaaac atcattgggg aatgtggatc caattaatcc gaaggctcgg tgtgaccgt 300
attagtttta tagacaagag aagggtttta gatagggtga aatgagctat cagtggtttc 360
aatgtctcat gaaagaaaga aatgcattaa aaaaaaaaaa gtttgtcaaa catccgtgtt 420
atgcaattga gtattttctt tgtaacgtgc aagaaaaaat atgtatacat ttcataagta 480
tctttagaag tattttgnct taataggtac ttacagatta tncaaggcan aactgnttta 540
atgcagnttn ctacaaaggn cttaaaatg 569

<210> 6191
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6191
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tttgctaatt cacatcctgc acatttctgg agaattataa taaacttata tgcaagtga 120
gcaggcctcc tcttctgtaa tctctcaaaa catctggaat atattgcata tattatgaaa 180
gggacatctt tttcacagat gccccaccgt tacaacgtgt acctttgctt agtttaaaaa 240
ttgactttta tactttatgc aaatagtgcc tgtcccaaat tctagcatgc acatggatct 300
accaacaaaa aaactaagtt ttcagtgtgt gaacataaac ttcaaattaa acctctgatg 360
ctttagccca tgtatcaatt accaacagat tttcttcata aatgtctgca gaccacattc 420
atgatttcta taagacagaa atagagcaga taaactatac tgnatatgct gaggacagaa 480
tttgtgggaa cataatgctg caaatgaaag ctacaaacac tctgnaaata gcttagaaaa 540
actagtaatt gaaatcncca agtnccngct 570

<210> 6192
<211> 568
<212> DNA
<213> Homo sapiens

<400> 6192
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tttcttcaca tccacagagt acataccatt tctgtctgtc aggcaaactc tagaaatttc 180
tacaaatccc agaaagaatg ggtaagcagc ccctgggtcc ctctctagcc ccttaccttg 240
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accaggctgc catcaattcg ggtggagagg tagatatgtt tgcctgggga ccgtgcagag 360
agctacataa gggttgtctg tgatgtgctg catccctcaa aataactcaa gagatttgag 420
agaacaagat gtcttgcttc tgctgtggtc ccaaggagct acaaggcagg gaagattgcc 480

ccattgagcc ctcagttgga tctcttataa gcgccccagt tgaggaaaca cttattttccg 540
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<210> 6193
<211> 573
<212> DNA
<213> Homo sapiens

<400> 6193
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tttctttccgt tgtagatagt cttctgttat tgctacaaac tgggattaat ttttaagctt 120
caaagttaca ttattgccag acgcagtggc tcatgcctgt aatcccctgc actttgggag 180
gctgaggcag gtggatcacc tgaaggtcag gagttcgaga ccagcctggc caacttgggtg 240
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agtgaactga gattgtgccg ttgcgctcca gcctgggcaa caggagcgaa actccatctc 420
aaaaaaaaa aaaaaggga angaangtta cattattatt gggaataaat atctgcattt 480
ccttaagcct ttggcaggct atgttaccct ctatntttgg agaaggacct tgaaaagtga 540
nggcnnngncc ttcaccttat acctgcnttt ttt 573

<210> 6194
<211> 502
<212> DNA
<213> Homo sapiens

<400> 6194
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ttacagtata tacagcaatg cattcatatt gtaaaagggt atttttttgt gtacagatga 180
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ggttttcttt gncctctgtt ctagttcatg ctggtgttta ataagacgtt ctatttctgt 360
tccaagtgtt tgnagatttt ccttcaaagt aatatttttt agtaacgtat cctccaaaac 420
agcctgtaat tttcggttga tttccaaaga gagctccaat gttaatccat tggcagctgg 480
atgggatgta tataannnnn nn 502

<210> 6195
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6195
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gctaataaca tcatattgta attcctactg aatacttttg ctcataagag ttttttctact 120
acagacaaat tgggtaaaat caaaatctga cattacagga attactcaag tttcaatgag 180
tactgtagc taagccagtg aactcctttg ttctgctgag aaagagcaag aagaatgaat 240
cttcacagga ctactagaaa cttcttccca gcaaggtag aggaagccct aagtcaatgg 300
tgtaatccta aatcagggtt tgaaaaccca cctaacaggc agagtgaat taacaggcaa 360

agtgaaatca	ggcttccctg	ggaaagtctc	aataggaaac	aacctgtaga	tgagtcattc	420
ttgaggtcca	ggtgtttctt	aactctctcc	aagtccttcc	caccttcaga	atccagcaga	480
aacncnaaag	agaacttggn	cacttcttct	tggctctcct	cttatccttg	gctttacctt	540
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<210> 6196

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6196

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tggaagatgc	taataacttg	aaaaaattgt	cttcagttca	tatctgtctt	cagaaaccca	180
aatatatgtg	tctcatacat	tcctaacaac	atagttatat	cagatcaaca	tatgaataac	240
tgaatcattg	tctgccaacc	taaagtcttt	ggtgtatata	ctgtttttaa	tgctgtgaaa	300
tattataaat	atagtgcactg	attctactgc	taagtatcat	atacttaaat	ccctctgatg	360
ctagtaaaaa	gaagaaaagg	aaaaatcacc	caataatttc	aatgcatatg	tcttgctttt	420
gccataaaat	atgcttggag	gttaaatttg	ggaaagtaaa	aatgccaggg	tattaagtat	480
ttattgggtga	ataccattat	tcnccaact	acagcttaaa	agaaccoccta	tgtantgngg	540
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<210> 6197

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6197

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ctcccagagta	gctgggacta	caggcgccca	ccaccgcgcc	cggctaattt	tttgtatttt	180
tagtagagat	gggggtttcac	cgtgttagcc	aggatggtct	cgacttcctg	acctcgtgat	240
ctgcccacct	tgacctccca	aagtgcctgg	attacaggtg	tgagccacca	cgcttgcccc	300
acagtacata	atgttaatat	tacctgtggc	gttgtcacaa	gtggaaacca	gatatttttg	360
ttgcagatat	cttgaaataa	tgtcaatgct	tataatcact	ttgatattat	agttgttatt	420
acgcctgcac	cagatcttat	ttattggata	aataaataag	cccacatact	tggcattttt	480
atatttgata	actattatgn	caatataatg	gattncnttg	naatcctata	aaccatatac	540
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<210> 6198

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6198

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tacaggtgca	caccaccatg	cctgcctaata	ttctgtactt	gtagtagaga	tgggggtttca	180

09629469.072800

ccatgttggc	caggctggtc	tcaagctcct	gacctcaggt	gatccaccca	cctcagcctc	240
ccaaagtgc	gggattacag	gtatgagcca	ccacgcccag	ctgataggag	agctttgatg	300
gaaaccccat	atgtgttgct	agagtgtgag	ctccatgagg	acaggacgtg	gccaccagcc	360
cccatggcac	ccccgcatg	gtgctgggtg	ggggaaggca	cttggcaagt	gtgtgcagat	420
tgcatgacaa	ggtgcaccca	gccttgctcc	aagaaatcct	gagcacacaa	ctgcagggtgc	480
acaaaagatg	cagacagnnt	catgtgtgca	cacagacagn	tactnctttt	tgcagcctac	540
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<210> 6199
 <211> 542
 <212> DNA
 <213> Homo sapiens

<400> 6199						
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gggtacgata	agcagcaatg	agggcccagg	aagacctcag	tctcctgggg	gcccatccta	360
aaagatggca	agggcagcaa	agtattttcca	tctgtctcct	acaattttaga	aaccttcttt	420
tttagtgtca	aaatatagcg	ttgagggggag	ctggacgcta	gggtcttacc	ctaacgcaaa	480
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gc						542

<210> 6200
 <211> 567
 <212> DNA
 <213> Homo sapiens

<400> 6200						
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ttttatttta	aattcagggg	atactgaatt	tgcttaggac	aatggcctac	agctgcatcc	120
atgttggtgc	aaaggacatg	atttggttct	ttttttacgt	ctgcggagta	cttcgatggg	180
gtatatgtcc	cacattttct	ttatccaatt	cactgttgat	gggcacctag	gttgagtcca	240
tgtctttgct	attgtgaatt	gtgctgtgat	aaacatacaa	gtgcatgcgt	ctttttggta	300
gaatgatttt	ttttcttttg	ggtgtatatc	cggtaatggg	actgctgggt	caaattggcag	360
ttctgttttc	agttctttga	gaaatcttta	aactactttc	cacagtgggt	taactaattc	420
acattccctc	caacagtgtg	tacatgttct	ttttctctgc	agctttgcca	gcatctgggtg	480
gttttcgact	ttttaataat	agttggctca	ttttctaagt	gaatggttgg	tctttactgn	540
tgagtattgg	gagatatntn	catctan				567

<210> 6201
 <211> 571
 <212> DNA
 <213> Homo sapiens

<400> 6201

008270" 69462960

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cccacagggt	ctctgcagga	ccacaggagc	caagactcag	gcataagagc	atcacccctt	180
cagcagccaa	ggcgggtggc	accttcccct	ccatggtcac	tggaggctgt	ggggccatag	240
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agcttcgttg	ctacaggggg	cctcctgacc	cccaaccag	ccctctcagc	caggcctcag	420
gaggctagtg	tgacctcaaa	actcanagcc	cccgtgagac	acagggccag	ccagtcccat	480
gccttgcaaa	agggaacgtt	ccttccaagt	gtggattttg	gggctnacct	ttgnntttcc	540
tggantgnct	tggcanttag	ggaaggaatc	c			571

<210> 6202

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6202

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tccaggaaaa	actatatggc	tgtgtgagac	aaataagcaa	ccatttgata	gtgatttttg	120
cctaaatttt	aaaataaaaa	tgtccacact	cttttgtaa	aacattaagc	ctctgtcaaa	180
aatgtatttc	ttatttttagg	gtacaggatt	aaaggacaag	atgatactca	caagtaaaga	240
aaatttacaa	gaaaaaactt	aacaaaagtt	tcaataaaaag	tattgtaaca	ttcaaacttg	300
acttataaca	aaagaaacaa	gattgcaaac	aaaaatgttt	acgggggttc	caaacataaa	360
taaatgaaat	agtgttttagg	cagtagggct	catgctgatg	gctagcagga	agttaacaga	420
gtgtaactta	cttggaaaaa	atctttaatg	tcaaataaagc	ccaaattatg	gactgcagca	480
atttaatcat	cactggcatt	tttcttactt	nccaaataaa	gccttgatta	accattcatc	540
cctatatact	catcccttac	ttcagaaaaat	ggn			573

<210> 6203

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6203

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gtaacctcca	cctcccaggc	taaagtgatt	ctcctgcctc	agcctcctga	gtagctggga	120
ttacagggtgt	gtgccaccac	acccggctaa	ttttgtattt	ttagtagaga	tgaggtttca	180
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aaagtgttgg	gatttatagg	catgagccac	ttcaccgggc	cccatccttt	tatttcaact	300
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taaacaaata	caaccaacaa	aactaagagt	tgtttctttg	aaaagatcaa	ccaaactgac	420
aaatccttag	ctagattaag	aaaaaaaaag	aacattcaat	aactacaatc	aggaaatgaa	480
aganggacat	tactaccaat	acgacngaga	ttaaaaggat	tttagagaat	ntatgaagaa	540
atggtgcctc	caanttaata	cctaaaagaa				570

<210> 6204

<211> 587

<212> DNA

002220" 69462960

<213> Homo sapiens

<400> 6204

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ctggaattac	agggtgtatg	ccccacgccc	ggctaatttt	tgtatttttt	ttttttttaa	180
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taccctcatc	atctagattc	aacttagttt	gcatgattat	ggagcatgta	tttagactcc	360
agtatcagat	tagggatgac	gacggatggg	gtgttaaaac	aagttattta	acagattcct	420
aaatttaaaa	ggtttatata	accacattct	aacagtatac	ataaacacta	caaaaaagga	480
caaagtattt	tgggggaacc	agatccttta	aacatctgga	ttctggtaat	ataaatctga	540
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<210> 6205

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6205

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tggtattgtg	gcgtgtctgg	gcatttaaca	aaggcaaaaa	ggaaaagagg	agaagaaggg	180
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aacctcatca	tatcccacac	caacccgtct	ccccttcctg	gcagttaaaa	gcctgggtgg	300
tgaggcaagc	ctgtctggat	tcaaacggca	gtgacgtctt	gggcacgttc	tgctctctga	360
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tagtttgaat	ccaggcattg	ctattttactt	gctgngtgac	ctggggcgang	tggcttcatc	480
tctctggggc	tcaatttcctc	atctgtaaga	cnggctatta	ccacaccttc	ctcttgatta	540
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<210> 6206

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6206

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ctactggtgt	gcgccaccac	gccctgctaa	ttttgtatt	tttagtagag	acggggtttt	180
gccatgctgg	ccaggctggg	ctcaaaactcc	tgacctcagg	tgatccactc	acctcagcct	240
cccaaagtgc	tgggattaca	ggcatgagcc	accatgcctg	gccatacaca	tcactttgaa	300
acctgttttc	ctttccaatc	taaaaatgag	ttcggttcta	tttctgagt	cttcctctga	360
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caccagttcc	ccaaaaagcg	tgtccagaac	atgaggacna	aattcatnac	cnggaaccgg	540
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<210> 6207
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6207
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tgtgcaagtc agtgggtagc ttgtggattc tcactctgga acgatcccat gtctctgaac 180
cttcaccaca aggagatttt cttatagtga ttctcaaagt ctggcaggc attcaaaactg 240
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<210> 6208
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6208
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caaattgggt taaattaatc agcacaagct atcatatgta tgtctgccct gcagtatata 180
tgaattttta tcctggttat gaagaaaaaa atgggtgcttt attatttggc actataggat 240
gctcttgaa attcagaaga tacctttttc cactttttat ttttgtatac ttttttagatg 300
agtgaatgat taaatatatc cttaaagatgc tatttggcag atttttttca aataatagta 360
gctcaaaagt acgtgtatga tacttgtact tcataattgg ctttactaaa atataaaaata 420
cacaagtgat cttactatga tttgaaaaaa aggtagtga ctncagaagt ttttaagctgt 480
gagtaggaat ttttaaatcc attttatggt aagttggtat agaagtgagc cagaatggat 540
cgggtgcatt tcttcnann ggtagccctt atccttttcc gggnaac 587

<210> 6209
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6209
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tacaaatgcc cgccactgcg ccagctact ttttgtattt ttagtagaga cagggtttca 180
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ggtatactgt gtagctacaa ctgtgaaata actaaaattc agtatcagag tcttggattt 420
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09629469.072800

tgacttgctt taaaatatac cggaaatatac tacaancntt tnctaacagt aaaccagccc 540
caaaagcttt ttacaaggcc naactggatt ttccttccaa cc 582

<210> 6210

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6210

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agccttgac tcanaaagac cccgggggtc ttgtagtcc acgtgcttca tgtttcgngg 180
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tctgctaaaa acatntccac ccaacccttc tgccaacgag gtcaagctgg caaggcatnt 480
gntaagcccc ttaaactggg canccgcaag gtattgcnc canticcggg acccaaacia 540
tacttcngg actttggacc ttcttcttn a 571

<210> 6211

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6211

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cccaatagtt atttgttctg atcctagttt ctaggatcct gatttctagt tttgtgaaga 180
atgtcgttgg tagtttggta ggaataacat tgaatctgta aattgctttg gcagtatggc 240
cattgtaatg atactgattc ttcctttcca tgagcatgga atagttttcc atttgtttgt 300
gtcacctctg atttctttga acagtgtttt gcaattctca ttgtaaagat ctttcacctc 360
cctggtttagc tgtattgcta ggtattttat tcttttgtgg caattgtgaa tgggattgtg 420
ttcctggttt gactctcagc ttgactgtgt tggtagatag gaatgctaga agatttttta 480
atgtgatttg gattctgaac ttccttaaag tttttttatc acccaaggag cttttgggac 540
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<210> 6212

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6212

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008220" 69462960

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<210> 6216

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6216

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6217

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6217

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gcagtgagct	gagatcatgc	catcgcactc	cagcctgggc	aacagagtga	ggctctgtct	180
taaaaaaaaa	aaaaaaaaaa	aaaaaaatca	caatagcaaa	gacttggaac	caacccaaat	240
gccatcaat	gatagacngg	ataaagaaaa	tggggcacat	atacnccata	gaatactatg	300
cagccataaa	aaaggatgag	ttcatgncct	ttgcagggac	atggataaag	ctggaaacca	360
tcattctcag	caaactaaca	caagaacaaa	aaaccaaaca	ccatatattc	tcactcataa	420
gtggacagtt	gaacaatgag	aacccatgga	cacangggag	gggaanatta	cacactgggg	480
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<210> 6218

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6218

gaggaactat	gtaatctttt	tcactctttt	tgaaggagaa	aagttaagat	tagagggtct	60
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catggttttc	ctctttttacc	cagggaattg	atatttttagc	taaccaattc	ccaccatatac	120
ccctggagct	agggatgttc	ttccaaagga	aaatgaatca	cagctgcaat	ctcacaaaat	180
gccttgatcc	cacacagctg	cctctctctc	cctcctgggg	accaagaagg	aaacaagggc	240
tatgttagtt	gtcattcagg	tcaggagagac	agacgctccc	tttgaccttc	ttgactccct	300
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tgagcattac	tcttgcttca	tctgaagatc	accatactc	cactcctacc	caatgtcaat	420
ttaggcaatc	cagtggatcat	actctgtgca	cagcctcctt	cccataatcat	gttttggaat	480
cacccttttg	gngcattcga	actctgaatg	aggagcacct	tacacccttg	ntgntggaaa	540
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<210> 6219

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6219

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actgtgagaa	ataaattcct	ataatttata	aattaccag	tctcaggtat	tttgttacag	180
caccacaaac	agacttagac	actgtatgat	tccattactg	gaactctaga	aaagcaattc	240
taatctttct	aaaaagatag	gaaagagtca	ttgtttggag	ccagcaaagg	ggaaaggatt	300
gattgggatg	ggacacatag	gaaattgccg	gtgtgataga	aatgttttgt	ctctatctat	360
gaacaggcat	tcacagctca	gtgacttccc	tttattctgt	tgggaaagag	ctgcttgaaa	420
ggaggaggga	ttctctgctc	ctagatgctt	atgtcttatg	taggcagggt	gtaaaacatg	480
ggangcctgc	tccagcccag	catttcctgt	gacagatcag	ccgaatatgc	ctaattctggc	540
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<210> 6220

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6220

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ttatgcacct	ttttgnaaat	tcatttagca	cttctttcct	gacttttaaa	gtatgngana	180
ctttaacttc	tcatttgaat	cagttgnaac	atcttactgg	ttccctcatt	aatcaatcag	240
ttaaattgaa	ttttgggcat	acattcattc	atatttgnat	aagtcataat	ttattttaaat	300
tattcttttag	ttctacacat	aggcatgnga	acacacactc	acagatagac	actacgccag	360
tcaaatttaa	tattatatta	tgcttggaat	ttaagtactt	ctcttcacat	acttctcttt	420
atttttttaa	atttgntcaa	gaaggcattg	gattatttca	anaattggaa	ccaaagtgtt	480
aaaaaacttt	gaaaaaaatc	aagtaanggc	tttgnaaagc	ttttacacgt	atnttaacct	540
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<210> 6221

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6221

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taccttcagg	gctttttcat	aaaacttaac	attaaattaa	ctaagtagat	gtatctcagg	180
gagttacaat	aagggacatg	gttttaaaaca	acttaaaaaat	gttttaaaaag	aaaacaaaag	240
gtaaatacct	tataataaca	gacctaat	ctaattttta	gaattaaaaa	aaatctgcaa	300
gcaaaaatta	cggactgcag	tataacaagg	gttttaaaaaat	gttaatagct	tagatttaac	360
atgctactaa	tgctcactct	acatctactg	aggtagatgg	tcactcttagg	atgccacat	420
aggtagttaa	acaaagcaca	aaccttctgc	atatgggtac	gactatcaaa	gctctgcaac	480
gaatacagng	tttgtcaatg	ctggcccaac	tggtgagtct	ggatatggac	ttaacaagca	540
gaccnaaatg	aactgcaang	cnatcactaa	aaatta			576

<210> 6222

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6222

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aataaggctg	accgtaattc	tgggggtgacg	ttgccagttt	catagtcata	gataaacttc	180
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aagcatgaca	aagcgtttca	aggcccccac	tgtgcctggt	gtggactcaa	accgttcaac	300
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attgcatatt	tcagggaactc	tggcatacag	gacaaggctt	cgttccactt	ntttancnag	540
cncataggac	tgaccatgaa	aaaccnctgg	taacctttaa	t		581

<210> 6223

<211> 504

<212> DNA

<213> Homo sapiens

<400> 6223

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ccacctgagc	ctcaccgctt	agttcataaa	acagccctgt	gtcctttcta	caaagccagg	180
tcgtgttttc	taccacacagt	tcaggactcc	agcgtagaca	gcaaacacaa	aatttgtttc	240
ctttttgaaa	caaaacagtc	ttagtagaag	caaaacaaac	aaccacaatc	taaaccagcc	300
gcgaggaacc	cttttctagc	tggaaggag	aatgtgtcgc	cagcgattcg	gagtgaagag	360
gatgggaaga	tgctgttgcc	acacccttga	atgtgtgtcca	cagattcacc	agctccaagg	420
cagcatctct	ttccaaagca	cctgcagcag	gangctgtgt	gggggcaaca	aanntcactc	480
ntgataccan	agaatncccc	cggg				504

<210> 6224

<211> 579

<212> DNA
<213> Homo sapiens

<400> 6224

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gatctacatt	ttaacaagat	ctcgatgatt	tgtgcatgca	ttaaagggtg	agaaagcact	180
agtctacatg	cccatctatc	tggacacccc	acagccactc	cagcccagca	tggccatgct	240
gaatgcagac	ccctccccta	gaccacaaat	ttctgtttgg	ttttccttcc	tgatgaacag	300
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ctgcagtttc	ctggatcagg	gatactggaa	agatgtcatg	ttccacatgg	acaccagcct	480
aactttaagg	ctgacncaaa	aagactcctt	ccagcatgca	agtgggatgg	tctttttgta	540
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<210> 6225
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6225

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ggcccagaga	aggcagccac	tgtcagttac	agttggactg	ctgcatcaca	gtggaggcag	240
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gctagaaaca	ttgaggaagg	ggtcaagaag	cacttgctac	tcctgtttatc	ttttccaata	360
gaatattcct	gcaagttacc	catcagaaaa	aggtgttcag	agggtttgaa	aaagaagtgg	420
ttagcccatg	ccagtgaagg	tgacaaaaaa	caaaacaact	tgatttttgg	tcatatcaga	480
aaaggatgga	ggggaacacc	caagtncttg	cacgggcccc	aagtgtcttc	anccaaagga	540
ntgctgtttc	accagcccaa	antttntaac	agcaccacca	aaa		583

<210> 6226
<211> 571
<212> DNA
<213> Homo sapiens

<400> 6226

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gggttataat	gtgatgtttt	gatatagcta	catatactat	aaaatgatta	tattaagctg	180
attaatatgt	ccatcacctc	acatacttat	tttttataat	gaagacattt	aaaaacgtat	240
tcttttagca	atcttgacat	ttataatacc	ttattatgag	ggctaaaaat	gaataatatt	300
aataatcctg	tacaatgggt	ctcagaaaact	tagccctctt	gtctaactga	aacgtctgta	360
ccgtttgatc	aaccaaagat	ggcttttgtt	ggcaattcaa	tttttttgac	aaattcctca	420
ttttgtcttc	atttgagatt	ttatccatta	caagagagga	agatgaacna	agccagaata	480
gaggaagatg	aacaaccctc	aggatctgaa	ggacactggg	gggttttttt	aattaatttg	540
aggtatattg	ctaaaacggg	ctacttgtgc	c			571

000270 69462560

<210> 6227
<211> 579
<212> DNA
<213> Homo sapiens

<400> 6227
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ttttganaca gtctgtctct ctatcaccca ggctggagtg cagtggcatg atcttcgctc 180
actccaacct ccacctcctg ggtaagcga ttctcctgcc tcagcctccc aagtagctgg 240
gattacagat atgcaccacc gcatctggct catttttata tttttaatag agacagggtt 300
tctccatgct ggccaggctt gtctggattc ctgacctcag gtgatccacc caccttggcc 360
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atcacggcat ggatacaggc agagtaacac aaactatcct gtaggcagtt ttaaaataag 480
tccatatttg agcncattna aangtattga acagatggga gattattcag aatgagattt 540
tgcttnaaag cctttcncct aatttcggnc tggactgnc 579

<210> 6228
<211> 587
<212> DNA
<213> Homo sapiens

<400> 6228
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agtagcgttc tcacaatatt acacttgaaa ataccattta ggaacaatat tttaggaaat 180
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acacgattat ttttccacct cttcagtgcc ttgggatacg caacatacat tcagcaacag 300
ggcacgcgtg tgacctacg gacaagtgtg gaggttggga gtgcccactg aaatatggaa 360
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ttcaatctgg tgtcaggaaa ttcttatctc ataactgcca ttccccagt aactgctttt 480
caacaaactc aaacccttga aaaggtctaa gatggttctg ttaacatcaa aaaaaaacag 540
ccttanagct ttccgacact gtttagtgat gaagnctcan gntnttt 587

<210> 6229
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6229
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tctctcttga ataaaccctc ttacttcccc ttttgcattc ctctctctaa atcctacatt 180
tgtctccaca gataacatct caccaattta gagacacttt tctttctgct agatcaagat 240
gtttaaagca tttgttctca cttctttcat gaaaccttct gagatcagtc agctaagatc 300
tagttaattg aatcatcaac tactctaata ctctgcctg tctgttttg ggttgaaagg 360
gacacaattc aaggtcaaag accatgtcag ttgcttcctt tgcattctca acactcagac 420

<210> 6230
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 <212> DNA
 <213> Homo sapiens

<210> 6231
 <211> 576
 <212> DNA
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<210> 6232
<211> 564
<212> DNA
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aagtaggtat tattatcaat ctcat ttaca gctganaaac tgaagcaaat cacttcaact  180
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ctgaggccct	ntagtgcagg	cacaaagaca	ccatagctct	tactggatct	ccagcctatc	300
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ctaagatata	ttttatatac	tttataaaaag	caaagaaagg	tatacatttt	atagtgaatt	420
ctattcgaca	ctgattatag	gaaaaaagaa	attagtactt	taaggaaagc	aaactntggn	480
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<210> 6233

<211> 597

<212> DNA

<213> Homo sapiens

<400> 6233

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gccacatca	aagacttcat	gttcttatga	ctctagaaac	aggccagccc	cggctgctgg	180
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cggttttttg	tcagctcaag	ttgtagacca	tcaaacctgt	gcttaaacca	gcgatgagct	360
tcttccagat	tagctgttat	ctgttctgat	tccacactgg	cttctttcag	cgtattctct	420
gntgcctctt	tacatttctt	cagggtgtctg	acagtttctt	ccaattcctg	gcaccgattc	480
tctacttctg	ncttattttc	cgtctgcttc	taaggtgcca	gctcttgctg	gttattccga	540
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<210> 6234

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6234

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aggcatgcac	caccacgctt	ggctgatttt	tgtactttta	gtagagacag	ggtttcacca	180
tggtggccag	gctgggtctg	agctcctgac	ctcaagtgat	ccacctgctt	tggcctccca	240
aaatgctggg	attacaggca	tgagccacca	tacctggcct	cttttttttt	tttttttttg	300
agatagaatt	tcactctgtc	acccaggctg	gagtgtagt	gcatgatctc	agctcactgc	360
aacctccacc	tgccaggttc	aagagattct	ccttcctcag	cttctcaagt	agctgggact	420
acagttgtgc	aagtaccatg	cctgggtaat	ttttgnattc	ttgagtagag	ataggatttt	480
gccatgttgc	ccacctggct	tgaactctga	cttangcaac	canccacnta	gcttccaaag	540
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<210> 6235

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6235

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caaggaactt	acaatgtagc	tggagagaca	caaaacatcc	aaaacagaca	tgaggggctg	300
gctctacctc	cacacctcta	tctgaacaaa	aacgattact	ggcttaagtc	ctcgtgttgt	360
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gtcaaaacaa	aagtttttat	gttggtcatt	tatatgtgna	ttcactcaga	tttccctcaa	480
tcaaattaaa	agagaaggcc	taatttncag	ccactgnacc	ataatgggtg	ctggcctcga	540
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<210> 6236

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6236

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aatggtggat	tacttaatga	cttataagta	aaacagtcac	taaatgatcc	tttcatactt	180
taatcctctt	atgcagagac	tgagatactt	ccatacattc	caatatctgc	aacttttggt	240
ctattaaagt	atttgataaa	agcaaaacaa	ttttgtgacc	acagaactct	atggaacttt	300
ttttcctttt	aaagtgtcag	gtgaacctag	cgtgataagg	caatgttgcc	tacatatccg	360
cgaccagca	caggaggagc	agcacagaca	gggcatgttc	cagctcacca	ttgntgnata	420
atactgctcc	caccaggggt	aacactgntt	atgttccttg	gaccctacat	ctattcgtac	480
ctgaaacata	atttgnataa	aatatgatgg	ttcttttagaa	atatnttagt	tttttaataa	540
actggcnnat	gaaaaaangg	nttcnaattg	ggaa			574

<210> 6237

<211> 165

<212> DNA

<213> Homo sapiens

<400> 6237

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<210> 6238

<211> 597

<212> DNA

<213> Homo sapiens

<400> 6238

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aaaaacatag	atgcaaatga	aattccccca	gagaacaaaac	tgaaaatatc	tggtatcagt	180
gctctgaaat	cccaactatg	aaagccatat	acacaaaaat	gtaaccctta	tatcattgca	240
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aaaaattaaa	aatggcagaa	tggtagctaa	accacttgag	aacagggttaa	tgaaattatt	360
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aaaattagca	actacttgga	gcttatcaat	taaaanggaa	ccangntagc	ngaccccntc	480
ntagatccaa	agaaatttga	tccaggtcac	tggaatcagc	tgnaactctc	aaggcccatg	540
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<210> 6239

<211> 599

<212> DNA

<213> Homo sapiens

<400> 6239

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ggaaaaactg	tttcacttgc	ttggtgatcc	acagagcacc	cacaaagtta	gctttttaaat	420
ttggaagttt	aaaatcatga	aggaaaatatt	ttaaatagaa	aagctcacat	cttncatata	480
aatgggttaa	aaaatntaaa	cttattggac	ctaattctatc	agaattgggt	tggtttggta	540
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<210> 6240

<211> 609

<212> DNA

<213> Homo sapiens

<400> 6240

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atctttttat	ttttatttta	tttttttggtg	gaggcagaat	cttgctatgt	tgctcaggct	180
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tctgccaggc	gacagtcttt	tgagaaaagc	aactatacta	ccaattctgg	accccttgaa	360
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ctatcacaat	agctgctaca	gtttactgac	gggtactct	ggctggggcc	ctggacanga	480
atgggcctct	tactccatta	atccttaacc	cttaccttat	gangnangna	gtataatgcc	540
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<210> 6241

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6241

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aaattaaaaa	tagaaatcaa	tttctgcgac	ctttcaaggc	agtctttgaa	atgtcaagggt	120
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attcaattac	tgccttctta	gtggaagact	tttcagccgt	ctcagcagct	cctggggcga	300
cacgtctgcg	gtttcctcgt	cactctggct	gtcgtctgctg	tcggaactct	cggagctact	360
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<210> 6242

<211> 442

<212> DNA

<213> Homo sapiens

<400> 6242

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cataccgtga	aagcaggcag	cagcggctgt	gtgaacctgg	tcttgaaagt	gtgcagcact	360
tgtttggtgc	gggcattgta	gaaggacagg	aggccttggg	ggaagtacag	ngcacaccca	420
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<210> 6243

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6243

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ttcaggtatc	agagacttag	tgctttaagt	agcaaattac	ctaaattatg	aacacatatt	180
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aaactgaatt	agcacatatt	tctcttttct	aaagctccta	tgaagaactt	acactcttct	300
gcactaccaa	tctattctgt	acatttaaaa	taacatttgt	tttgatttaa	agtcaaaaaat	360
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aaggattttc	aggtacttca	agttttggct	ttatttttaa	taatgggaat	gggctacaat	540
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<210> 6244

<211> 596

<212> DNA

<213> Homo sapiens

<400> 6244

<400> 6247

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ggacaaatgt	ccatggcana	nccttccaaa	aaactcgtcc	nttaccctgn	ggggcaaaaa	180
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tcaggtcanc	anaggttcaa	gcagtcagca	tggcgcggcc	ctcctgccag	caccgtcaag	360
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gggtttaana	agggacctng	ggcttgccca	agaaccttga	aanccctggg	ttggccantt	480
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<210> 6248

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6248

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acaacttgca	atatcaacaa	tgcatittggc	ccaggaactg	ctaataaacg	tacagtgcag	180
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aggccactgg	aagttgacaa	caaccaattg	agagcaatca	ttgaagcaga	ttgatcctct	300
tacaattaca	tgagaagttg	ctgaagaact	caacgtaaga	actcaacgtc	aaccattcca	360
cagttgttca	gtattttgaag	caaattgaaa	aggtgaaaaa	gctcgataag	tgggtgcctt	420
accagctgag	ccaaaattta	aaaaaacccc	ggttttgnaa	tgggtggcntc	tcttaattctt	480
cacaaccacc	gaaccnttnt	taatcggact	gtgaagggca	ncaaggacta	gatttttatnt	540
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<210> 6249

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6249

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cagagttgga	aagcatttta	ctgaaagcaa	aatattttaga	gaaaatagac	atttatacaa	180
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tagagccagt	taaagcttta	aaaaatttaa	gtggaaattg	aaatatgcaa	aaatgtataa	300
acattctaca	aaagatggtc	attcittttcc	tgagtatact	aaagctatga	aacgtaaggt	360
gacaaaagga	aggtagaagc	ttgggaactc	tttctcaagg	gcatttttctt	tctacacact	420
gnttcccttc	ttcttcatat	tcttgcttgg	naatcncatt	tgggtgaaag	gtncccaaga	480
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<210> 6250

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6250

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aaagctgcc aagtccaact atTTTTtaaa aattgatttt ttttacatta ataaaaatct 300
ggngacaaac attataaaac caaatgctgg acagtcttta ctcttttaaa attccaaata 360
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acaatatgga cntttattgn aaattatntt aaactaaaat gggggggaat ccaaatntgg 480
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<210> 6251

<211> 493

<212> DNA

<213> Homo sapiens

<400> 6251

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ttccccctc ttatatctaa attttgaaac cactggcctn taacaagtct gtantaggct 420
taagttcaan gggccatttg gttcttttng gnetggttgg gaanccaatt ganggaaaag 480
tttgctaaaa aaa 493
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<210> 6252

<211> 535

<212> DNA

<213> Homo sapiens

<400> 6252

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caagcgattc ttctggctta nccttctgag taactnggaa tgcagccttc gccacangcc 480
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<210> 6253

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<210> 6254
<211> 547
<212> DNA
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<400> 6254
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ttaagga 547

<210> 6255
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6255
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n 541

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<211> 470
<212> DNA
<213> Homo sapiens

<400> 6256
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ccctgtttct ctttttttaa ccaaataata aatttgaagt cctnccacaa ccatntgaat 420
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<210> 6257
<211> 429
<212> DNA
<213> Homo sapiens

<400> 6257
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ggtagnnnn 429

<210> 6258
<211> 537
<212> DNA
<213> Homo sapiens

<400> 6258
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<210> 6259

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<211> 532
<212> DNA
<213> Homo sapiens

<400> 6259

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<210> 6260
<211> 524
<212> DNA
<213> Homo sapiens

<400> 6260

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<210> 6261
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<212> DNA
<213> Homo sapiens

<400> 6261

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aaaccggaag	caaggtnaaa	ggggaacccg	cagaatttan	anccagtanc	aanatttggt	480
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gaagg						545

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<210> 6262
<211> 510
<212> DNA
<213> Homo sapiens

<400> 6262
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ttcccattcc caaaaagat gtgtgactaa gtggacaaag aactcagcac tgggcctgnt 420
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<210> 6263
<211> 515
<212> DNA
<213> Homo sapiens

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cacagatcac tgcagccttg acctctcctg gtctcaagcg atcctnccac cttagccttn 420
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aaaaggcagg gtttccaan gttgcnnggg ctggg 515

<210> 6264
<211> 460
<212> DNA
<213> Homo sapiens

<400> 6264
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<210> 6265

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<211> 546
<212> DNA
<213> Homo sapiens

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<210> 6266
<211> 368
<212> DNA
<213> Homo sapiens

<400> 6266
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tcctaggg 368

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<211> 455
<212> DNA
<213> Homo sapiens

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aaagcnaacn ggngaattag aggggaacnt ttttt 455

<210> 6268
<211> 567
<212> DNA

09629459.072800

<213> Homo sapiens

<400> 6268

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ccaatttttt	ttttattttt	taccccaaaa	aaggtatcaa	tacttttcat	tccactcttg	360
tcaacttttag	ccaaagcctt	ctgagctgca	gtcattttgc	tatttttctt	ttcagtcttc	420
aaatcttttag	tattaaactt	agtgtaatct	tctttgnttc	tacaggctca	tctgataact	480
ttattttctt	tgatggagga	tttggcaatg	angcttaang	gtctggaagc	ttaagtttta	540
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<210> 6269

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6269

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cctacctcaa	caacataaaa	atgatgtaaa	gtggatcaaa	gtatgtaaca	agttaatat	360
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gtgtttttgc	ttgaagattt	agtgaacggt	caaggaatca	caatttttga	gctttacatc	480
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<210> 6270

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6270

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tgaccaaagg	caatcaatca	cagcgccgac	cccggcgggg	ccgatccgag	ggcctnacta	360
aaccatccaa	tcggtagtat	cgacggggcg	tgtgtacaaa	gggcagggag	ttaatcaacg	420
caagcttatg	acccgcactt	actgggaatt	cctcgttcat	ggggaataat	tgcaatcccc	480
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<210> 6274
<211> 566
<212> DNA
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aatattttat attagcacat agaataccct tagaatatat tctggtatgg tctaaagaag 480
ttggggttcc cttttgatg aggcctcaat tcttctgaga ctttctctgg atagncattt 540
ggtctattgn ttnacttct ctgggn 566

<210> 6275
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6275
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aaggcaacgg cttttc 556

<210> 6276
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6276
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tacaggtgcc caccactaca cccggctaatt tttttgtatg tttagtagag acggggtttc 180
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ctataaatca aagaactact agactcatga aataatttta aatgcgtgtt aaccatgagt 360
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 <211> 556
 <212> DNA
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gtctgacgaa	ctggagctgg	aggagctgga	agagtcgctg	gagctgtcgg	aagctatccc	480
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<210> 6278
 <211> 556
 <212> DNA
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aaacaagtta	gctgatggac	aataaatctg	ttttaaggag	ggaagagaaa	acaggccctt	240
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gggagaagat	cctcacaga	attcacaaag	ctagatatta	ttacccttcc	tctctatttc	420
tcaacagatg	agaaaagtga	ggccaaaaga	agctaagcaa	tttgggtcaan	gccatcatgc	480
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<210> 6279
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<400> 6279						
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gctaattttt	ttatttttat	tttttttagag	gcattggtctc	gttatgttgc	ccaagctggg	180
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actaccacca	tggcacttag	atgtgaccaa	atttataata	aacagagtgt	gattataact	420
aatctgcatt	ttttaaat	acatatgaaa	ttcaccaaaa	aaaaaaaaaa	gggaangcaa	480
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<210> 6280

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6280

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ccctggccag	attaagttaa	tttcaattgt	tttgcagtcg	cttgtactac	aaagtgcctat	180
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<210> 6281

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6281

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<210> 6282

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6282

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<210> 6283
<211> 560
<212> DNA
<213> Homo sapiens

<210> 6284
<211> 580
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<213> Homo sapiens

<210> 6285
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6285

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<210> 6286

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6286

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<210> 6287

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6287

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<210> 6288

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6288

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cgcccgccac cagcccggc taattttttg tatttttagt agagacgggg ttccaccctg  180
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<210> 6289

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6289

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cacatctgtt ggccatgctg gtttcaaact cctggacctc aagtgaccat gggccttggg  480
ctccgacntg ctnggaatac anggnngaag cccaaaactg ggcccatcct tttaacataa  540
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<210> 6290

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6290

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gtgcatagtg tatcttttcc tagggactga gaatgcagaa tatattaaat taatatggca   60
aactgtatit ttttctgttt gttttcaata cagctaaaca aatctatitit gtgcattctc  120
agtgtctgag gcattttcac agcaatcctg tattaatgcc catcgactgg ccttcttttg  180
gggcattgcc ttcttgcttt gcttttctat ctagtaatcg gaggacaaag gacagaagct  240
gggcagtgga tgagtagatt gaatgggaaa tcctttaagc tggccaaaga ggctactgtg  300
gcatgtgtac tgaaaactct catgggtgtc gccctatccc ctctcccctg tcagagaaca  360
gacccatcca ctgcatagaa ggcgagccc tgcttgactt ttttcaaagc tggctggact  420
tacatggatg tcagacctgc agtgagccag atttgctttc ctgggattga agtggaanaa  480
ctgacccaag ggcnnnact gggaaanngg ctttcangga ttntacctt ggggaat   537
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<210> 6291
<211> 558
<212> DNA
<213> Homo sapiens

<400> 6291
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atgtcaaaaa aaaaaaaaaa ataagaatag ctgtctagta gcagagtgc ttcagtaggt 120
agctggaaat caagtacttt attcctctgc taggattaag taaccattcc cacctgggtcc 180
acttcttgac caattttcta aagtggagtc agtctgtctc tattgctctt tctctaattgt 240
ggactttaaa atcaaagttt aggttaaaaag agatagatta gaaaacatac atttaacaca 300
cacatacaca aacacaaaagt tggaaagcaa gagagcttct tcagtcaagt agaccactt 360
ttgggtgttct tttaaaaatc aaccacacct caactaacca aaaattaggg caaatcagac 420
atgtattata aaaacaatgg gaaagaatat tagaaatgag aactattcca ngaaatctag 480
accgatactt taataanaag ccttcaaaan ccataccccg attnccgaac ntttggggaa 540
cagtaaancc tcttaatn 558

<210> 6292
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6292
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tattggcttc ttgggtgcagt aatgcaacgg caatccattc tggtgccaaa ggtcactact 120
attacaagga agttgtgaac actaatttct taggaggtga ggccagcccc acatgaactt 180
ctcttgcatc cctctggtcc accatgacac ataaatactt agactttttt ttttcctcta 240
atgaatcatt agacattaaa aacggaataa cagagtcaca aagggccaca tgcttttcgg 300
tataaagcat tctccttctc taggttgcta tcacagtgc gacctgactg cctgaatatg 360
ctcaggagat ttagtcaata ttgtctgtat ttggttatgg aaaaggctct cctttttttt 420
ttttttttta aatccaaagt gcatagtgc aacaaaccaa agcatttttt tttccttctc 480
agcatcagnt tcatctgagc attttccatg anaggcctgt taaatgcctg nctttggcct 540
ttcaaccttc aaaattaaaa attnnatnna 570

<210> 6293
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6293
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ttccacaaca cccagctaatt ttttgtattt ttagtgagga caaggtttca ccatgttggc 180
caggctggac ttgaactcct gaccttaagt gatccgcctg ccttggcctc ccaaagtgtc 240
gagattacag gcctcagcca ccgtgcctgg ccctatcctt tcctctgaag attccatttt 300
atttttctga aaagccagct ccctggtgct cttttccttc tataatgaga cctcaacaat 360
gtaaattgag aagggtgattt tcacaaaatg cattctgcct tggctcttct aaaaatcgag 420
tttttgaaa ctgctgtttc taacaagata acatccaaca gaagctacta atttcctttc 480

0960459.02800

aaaccttagc ttntggaaat gtaagagata ttaccnggaa atgaatgggt cttggccaat 540
ggatgtaaac tccgagaaac tntnngggna agtaaaaggg ggncaa 586

<210> 6294

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6294

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agagtaatgc acagatgatt gccaaagacca tattgacaaa ttgtgattag attataacgc 180
atagtagcct gccttacatt cagcaagttc aaacaggaca caaaaccagt caactgaaca 240
cagagcagct ctcttcagaa gcacttccaa tgagtgatgc agagatttca aaaatacaaa 300
gcaggcaact tatatacagc aaatcctcac actgcctgga catgtgccac ttttttggtg 360
gttttaatat attttttcctt tctggntgcc aatttagact gaattcttaa ngatttatct 420
tggatgactt agaaaaatcc cctgnccttt cttactttgg ttcaagnagg accagncatg 480
aaaattgagt naggcctctt aaaaaatgga aggtcncaga tcccatgggg gaagggttan 540
gaancccttn ccaggtaatg gatcccggga atnttaacag gttaan 586

<210> 6295

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6295

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aaacttatgt ttttccattt ttctgttcc ttgaacatga atctactacc aactcagaaa 120
gatttaagat aggtaattac taaacactct ttacctcccc ttgcaaaaaa cagaggcaag 180
tttcccattt tacttatgat aaaccagatt attttcagtt atgaatattg gcaactgcat 240
gaaagagatg atcagatatg tcagcaggaa agtatgagct gtacaaaggc attacaaaaa 300
aaaccccaaa gaaaataaga taaaaacaac aagagaaaaa caagaaaaca taaaacaata 360
taagaaaatg ccagatatat acagcctcca tctgaaatgt gacttgngtt ctactttcag 420
cataaaaaca aaccagagaa catttcttgg aagggtatca cagatgaagc tgggtgccagc 480
cagttttggg ggagacattc attctaagaa gggagaaacg cncagntagc acttgctggg 540
attccaccat tggcttcac ttnccggaag tctggtacta aaaaaggn 588

<210> 6296

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6296

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tgatttgagt gtcagggaaa ctattataca ttccgggtga ctcttacaag tttccaaaaa 180
tcaaattccac ataggacaag aattttcacc actgagaata tgcagaagaa ttaggacaa 240
ttctcagagt aactcacaag aagtattcaa atatgattaa tgcaatggca cattgttgaa 300

acatacgtat	ttggatatat	aaatctcacg	tgcttggtta	agttataggc	acaatgtatg	360
agcttccatt	tgtaatcttc	aaaagagata	ctcatgagag	gaaaggcaat	cagaaagang	420
gaggattagt	aatgggtata	aacttcatga	atgnactaaa	acccctggac	tgctacttta	480
atgggcaa	ttatggatgt	acatatcttc	aataaaccta	atTTTTTTT	aagaagggga	540
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<210> 6297

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6297

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tatactgcac	aaaacacagc	aggttctcaa	taaaaataat	agttactaaa	ttttactatt	120
actttttcta	ccagatttta	atactgagta	tgaacatcac	atgtagtttc	ttttcgcttt	180
cagtcactta	aactgtatcc	cagactcttg	tcctatcaaa	aaaactcaat	catctttcat	240
tcttttttta	aaaaaaggac	acttttaatc	tttattggta	actttttctt	attgtagcaa	300
aagtgcataa	tattacattt	accatcttgc	ccattttgta	ttgtacagtt	cagtagtgct	360
acctgtattc	accctgttgt	gcaatggatc	tccaaaactt	ttacatcttg	caaaaactgaa	420
atgctgggat	ccatttaaaca	atttcccttt	tccccatcc	ctcattctct	ggcagccaca	480
atcttattct	ggctctatga	atngctactt	aaagnacctc	atcnggtaga	atgatncatt	540
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<210> 6298

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6298

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ctgcagcctc	caactcattg	gctcaagcga	tccccagtc	ttagcctttc	gagtagctgg	120
gactactggc	acatgccacc	atgctcagct	aattttttaa	ttttttttgt	agagacgggg	180
tctcgttatg	ttgcccagg	tggtctcaaa	ctcctggcct	caagcgatcc	tcctgcctca	240
gcctcccaaa	gcgttgagat	tagaggcttg	agccaccatg	cccagcctat	tcactctttc	300
tttagaaatg	tgaagtgacc	cctgaaaaac	ctggagggaag	aaggaaaagg	aaggatcctg	360
gataattatc	taccctgttg	gaagccattt	taactatact	gcattaagac	attcattgct	420
tctggcactt	tcttactggc	tcctaacttt	ggttcatgtt	tccaaaggca	tttaataatt	480
cttttncata	tttcaaaggc	tgtgggggtt	naagaataaa	ttatcaagcc	tactgncaca	540
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<210> 6299

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6299

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gtcttcaact	tgggtgttga	gattggcaaa	aggggaagca	agggaaaagc	caaggaaaga	120

taaaatattc	agaagaaagt	caaagttatc	tgcaattaca	tgttagaaca	gattttgcag	180
gttaaaaaga	tgttgcttaa	atatattcat	aagcctgttg	taagattttc	acttatgcag	240
tttcagaaaa	tttagctgct	taacatatga	cagaactgta	ttttaacaaa	tgacattaaa	300
agtcaggaga	gctactcagt	taattgataa	agtagaggca	acgtggggga	gccctcccca	360
cgtttattga	agatttgttg	ctcccccagc	cctgtttgcc	tgcatcaggc	taacaacctc	420
attcctccca	tagagcctgg	ccaaatcaca	ggctttctgc	tgtaggcact	cattgagctt	480
gctgccgccg	ttgncccttc	ctttcctttc	ccggnnttgn	gggggggcctt	tggaaatggg	540
gaaaagtcct	gggnaacctn	ggcccagttc	tgagtagggg	gagn		584

<210> 6300

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6300

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tgccaagata	tatcctcaga	caaagaaatg	tccattagtc	actcactaaa	agggtaaaaa	120
gcaatcgaaa	tgttttccta	tctgaacccc	tggtgccagc	acagtataca	gtagacaata	180
tatgccataa	tttattgcct	gaactcccca	ttgatgtgac	catgatatgt	caatggaaaag	240
tgagttcata	aaaaataaat	tctcattctc	ttcaaataaa	tttattgaga	ttctatgaca	300
ctcccagaac	gtggatatag	caaacaacac	tatgtaccat	ccatgaaaaa	acttacaatc	360
cagtaggaga	aaaagacaag	taaacaagca	gttattgtag	agcataataa	gaaataaatg	420
aaaactgcc	tatgggcatt	ttagttggta	cagtcaatgc	caaatagaga	gagcagtanc	480
agtttcctga	aaaagtgatg	gctanggtga	gacctaaatg	ccggtaggaa	ttnaactggg	540
gnaaatgttg	gaagcngcnc	actttangga	c			571

<210> 6301

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6301

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caaccttcac	ctcctgggtt	cgggtagttc	ttccgcctcg	gcctccagag	tggtggggag	120
tgtaggtgca	tgccaccaca	cctggctggt	ttttgtatct	ttggtagaga	tgtagtttca	180
ccgtgttggc	cgggatggtc	ttgaactcct	gacctcaagt	gatccactga	cctcagcctc	240
ccaaagtgct	gggattacat	gtgtaagcca	ctacgccc	cctccatcat	ttaaactttt	300
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gtgcctttcc	ccttttcagg	agcaatgaaa	gctactctgt	tagttatgtt	cttctgatgt	420
gacaaaatgt	caagaagata	ggagaagaga	atattttgnt	ttgntgatgc	ttttggtccc	480
aagtgtgacc	ctaaacttaa	gctttgtagg	aactgaggtc	tctcatgncc	ctttccttta	540
ctcatgccca	actntnactn	nggcanttgg	gctt			574

<210> 6302

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6302

ctttaattat	actttaagtt	ctgggatata	tgtgcagaat	gtgcaggttt	gttacatagg	60
tacacatgtg	ccatgggtgt	ttgctgcccc	catcaaccca	taatctacat	taggtatttc	120
tcttaatgct	atcacttccc	ttgcctotca	ccccccgaca	ggccctgggtg	tgtgatgttc	180
ccccactgt	gcccgtatgt	tctcattgtt	caactcccac	ttatgagtga	gaacatgcgg	240
tgtttggttt	tctgttcctg	tgtagtttg	ctgagaataa	tggtttccag	cttcatccat	300
gtccctgcaa	aggacatgaa	ctcattcttt	tttatggctg	catagtattc	catgggtgtt	360
atgtgccata	ttttctttat	cccgctctatc	attgatgggc	atttgggttg	gttccaagtc	420
tttgntattg	ngaataagtg	ctgcaataaa	catatgtatg	catngtctt	tatagtagaa	480
tgatttttaa	acctttgggg	aaaggccctt	ggaaaagggg	acttttgggc	cagcaatcca	540
agcngtgana	aaagttagcc	atgcnnaccc	tttgggaaaa	a		581

<210> 6303

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6303

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gctcatcaag	tttcagattt	tgaagcattt	aggatttttg	attttcagat	tggggatgct	120
caacctgcat	tcatttttct	taaaactaca	tttaaattat	ttagtacatc	acagtttatt	180
ataaaataac	cttgagtatt	tgtctacatc	ccttgaggta	ttacaccagt	tttcaactaa	240
gaaatcagca	ggaatagaaa	cactgcacac	aaaacctaca	aaacctccta	tcaacaggga	300
agagtgaaca	agaatgtatc	ctgtctgcac	aggacagtc	ggcatgaaaa	atatagcaag	360
tcaaagggct	ggcaagatgg	ctgaatagga	acagctctgg	tctgcagctc	ccagcaagat	420
caatgcagaa	ggtgggtgat	tctgcatctt	caactgaggg	tcctagctca	tctcattagg	480
actgggtaga	cagtgggtgc	agancacgga	gggccagcag	aancnngggt	tggccgtcgc	540
ctcatccggg	aagtccanga	gcccgggaac	ttccttcct	acc		583

<210> 6304

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6304

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aacctccgcc	tcccgggttc	aagcatttct	tctgcgtcag	cctcccaggt	agctgggact	120
acagatgcac	gccaccaggc	ctagctaatt	tttgatattt	cagtagagac	agggtttcac	180
catattgacc	aggctggtct	ccaactcctg	acctcgtgat	ccgccaacct	cggcctccca	240
aagtgtctggg	attacaggcg	tgagccacca	gacccggccc	ttaagtggtc	tttatgtgag	300
tattaactgt	ataactcgac	cttcctgtgt	tttttttaac	atttttcaaa	aataagatgg	360
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taaattagtt	atggggcccta	tttttcangg	acttntggct	tcaganttct	agtaaggttt	540
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<210> 6305

<211> 474

09629469.0.2300

<212> DNA

<213> Homo sapiens

<400> 6305

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cctaattgcta	tccttcccct	ctccccccac	cccacgacag	gccccagtgt	gtgatgttcc	180
ccaccctgtg	tcctgggtgtt	ctcattgttc	agttcccacc	tatgagttag	aacatgcagt	240
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tgtgccacat	tttcttaatc	cagtcgatca	ttgattnggg	ttggttccaa	gtcttngcta	420
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<210> 6306

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6306

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atttacaat	aaagtatcta	aaactcaaaa	acaggctctg	tatgctatat	ctagtttatc	180
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aaatattcct	accaggacta	aaacacagca	cgttttgagg	gcatggctga	ctcaciaaagg	420
ttgtaacaaa	caagaactac	tcttcaactc	acaccatggc	tcaaaggcca	ccgagaagca	480
cgagtgactg	acagcttctc	tgnttacaaa	cgaatggaac	cccaagngga	tggcgggtta	540
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<210> 6307

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6307

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tgaaaataat	ttaattgctc	ctgagaggcc	tgatagatgt	ccctgaattc	tgtccagcca	120
tgccatgact	gacagaacag	agaaaccagg	aaaagggtcac	acacggtttg	agaaaccatc	180
aaaatgtggt	gtccatctcc	tggccaagac	aggaattttac	agcaccattg	tgggtgttcaa	240
aaactgtcag	aaaccttagg	aattgtcaca	gttaccacaa	ctacacattc	cagcaaagag	300
gaatggaaga	cagaggcaac	atgaaccagg	agggtagaag	gtctgtcccc	cagcactgaa	360
gcaggcacaa	aggcataacg	tgaaacactc	atggagaata	aacaaacagt	ttaaattgca	420
caattaaact	ataaaaattca	acactgactg	caaactggct	tttaaaatgt	gtagacctat	480
caccctacta	tggnttatct	cttttaccac	aaatctgnca	ggttcaacta	ttttgtgtaca	540
tangnatttc	ttcccttttg	naggcagact	taactatttt	nta		583

<210> 6308

002270.6942960

<211> 576
<212> DNA
<213> Homo sapiens

<400> 6308

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caggtgccca	ccacccgccc	ggctaatttt	tttttttatt	tttagtagag	atagggtttc	180
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aacaataaga	aaatagctac	cccaaatta	gtgccgtatt	gacagtaagt	tatgtgcaaa	360
taatattctt	taaaagatta	agatgtgaat	gtgcttacat	acaataggag	aggatcatcca	420
cgattactca	atgtatactt	taagttggaa	aatcacaata	ctgatgaaat	aattccatga	480
tatagattat	cattttttaca	ttcatggnaa	aaattaagaa	caggtcaaga	agcttaaaagc	540
taatgagctt	accttntcct	taaccaaata	gaaaaa			576

<210> 6309
<211> 591
<212> DNA
<213> Homo sapiens

<400> 6309

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ggtttcctca	atgagggatc	ggtcagtcct	attggcaaga	ctctttttcc	agctagtaca	120
agatgctagc	tcttttccta	gctgacaatt	gacagtatct	ataaaccttc	caggccattt	180
aactctcaat	gagtaatgct	atgtaacaaa	tggtttatca	tacatgtttc	catacaatga	240
atttcaataa	ttaaaatgta	aatgaatat	ttggaatgcg	actttgcata	atgcgtgcac	300
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ggtcatgtca	gattagtaat	atggatctgt	ttaaaaacac	aaaaattaag	acaagcagga	420
taaattaatc	aacttacaat	atggtctcat	actgcaatca	aatccggcaa	ataacagtag	480
aaaatcttgg	ntcacagaat	ctcttttaaac	tgnttttatg	cataaattaa	anccttaagg	540
gnanatggat	taccgtccaa	cagaactact	ggagcttaaa	gggtaatgga	t	591

<210> 6310
<211> 592
<212> DNA
<213> Homo sapiens

<400> 6310

gttagtcaca	tattttacata	agatatcata	gtcatggtag	actaatgaga	ggagaagcat	60
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aaaacttgct	gtttcataaa	aatatgaaat	tttcctggag	aaattttgac	ttaataaagg	180
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aaataatctg	gcaggtacaa	ggagagaaaag	aggaaaaatg	aaccgttcat	cattctcact	480
gcggtctcac	cgtttncctt	cacaccccat	tacagcgaat	ggaagagaaa	ggaccatcgt	540

cacatttagc	tgtttttaat	gcttaaaagc	tctgtacaaa	aaaaaaaaaa	aaaatcacaa	60
atgaatcctc	acaacacccc	cgtgaggtag	gtaggcaagt	attattctcc	cattttacag	120
atggggaaac	tgaggcagag	aggatgatgt	atcagccagn	ggccccaa	cagctgaaag	180
tcagagccaa	ccatgagaac	acaaaggatc	cctccccatt	cagtcccatc	tctgactccg	240
catctagacc	ttgtctgcaa	agaaattaaa	acgtcttaat	tcatgcaaaa	ataaaaacaa	300
taaacctgaa	aaggtagtga	acagacacac	agtagttctg	caaaagaatt	cagccaaggg	360

ggtcaaata	tttccaata	tggataaat	ggaacaact	cggcctcct	cccttttcaa	420
atatcatgac	caatgacaca	tccttttttt	tttttcctgc	anaagtnac	gagcctacca	480
aagacagggt	ttctgggtccc	aggagagccaa	ccangngnga	cagcttctta	atggtnactc	540
cnggggttnag	aaggc					555

<210> 6314

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6314

agacaaagtc	tcactctgtc	acccaggctg	aagtgcagtg	gcatgatctt	ggttctgcaa	60
cctccacctc	ccaggctcaa	gtgattctcc	tgccttagcc	tcctgagtag	ctgggactac	120
aggtgtgggc	caccatgccc	agctaatttt	tgtattttta	gtagagacgg	ggtttcgcca	180
tgttgcccag	gctgggtctca	aactcctgac	ctcagggtgat	ctgcctgcgt	cagtttccca	240
aagtgtctggg	attacaggcg	tgagccaccg	taccgggcca	agatgtttta	attacacatt	300
tgcataaaaga	gtaattggat	tgcaaagctg	aatgccttca	aatataacat	attttactgt	360
tatgcaaaaag	ttaccatgtt	attcctaagt	gataagccag	aggaaaggaa	ggtgtttctt	420
ccttctggca	aaaatatccc	atagttaagt	ccaggaacaa	atggctgaaa	acagaaggca	480
atgaccatgg	acaccttttg	gatcctaata	ccttttagtaa	agacncagtt	aaacagtcca	540
cctgggaact	cttaagcaca	atggcaacaa	ctgnagggca	caaggcnc		588

<210> 6315

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6315

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tacagggtgcc	tgccactgtg	cccagctaaa	ttttgtattt	ttagtagaga	tgggggtttca	180
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aaagtgccgg	gaccacaggc	gtgagccacc	gtgcccgcc	aacacagacc	tctttaaaac	300
caaattctct	accagcttcc	tacaaaattt	gtatggcatc	aatgggtaca	catactacca	360
tctgatcact	catatccaac	tgaaataggc	attctgatca	cgaaattttt	ttggtgtagt	420
cattgactat	atttatgaat	tcatacatga	tcattcttca	actaagtatg	aactaactcc	480
tggattcttg	gtctagttag	ggcttaagaa	attatttcct	tctaaatcca	agggactgct	540
aatcagtana	acctttgtgg	aaactaactt	ccaanatgcc	gggggggn		587

<210> 6316

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6316

ctttttatta	agatctgaga	taggaacggt	catacttagt	actgaaaggc	agacaataaa	60
atgggcatg	aaaggggggg	gaaagggtact	gtctattgtt	cgagggattc	aaccagagat	120
aaaacctata	tacaagcatg	tgtgtagctc	gaaataaaaa	taaaaggact	atttcatgtc	180

atgactgctt	gttggcttcc	tcttcatatg	cattccctgt	gccattctgt	acataggatg	240
aaccagaacc	aaggccatac	aaatgaccac	aatatttggc	atcatcaata	tgatcttcaa	300
agaacatttc	tctcattttg	aaaaaggcca	ttcctgtgag	caatgaatca	gatcctgcct	360
gatgttgttg	tcctatccgt	tccagctcta	actgttctgc	cacctcctgt	aatccacctt	420
tgagattttt	gcagctcttc	atgaggnact	tcacatcata	aatgacagga	aaaaacaatc	480
gaaggatctc	aaagaagcaa	gtcttcttan	gcaagntaaa	attgggtang	aatttgatta	540
agnaccaag	tcnnanccgt	tttaaaggcc	accctttg			578

<210> 6317

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6317

aacagtaaga	ataccactat	ttatttagca	tttactatgt	accaggcaca	gggctaagag	60
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gatatagaca	aggaaatgtg	ttagtaactt	gcccaagatc	acagggtggg	aaggtagtat	180
tcaaaacttc	agacctcaag	ttcttaatat	ctacagtaga	tagaaacatg	ggaaagtact	240
tacaatactt	tgatttgaaa	aagaagaata	taaaatatat	actaggtaca	gccctataaa	300
aatatgtgtg	tgtgggcaag	gacagaagat	gagctataca	aatgaacaca	gatgttatag	360
tggtgtggga	tggttatgag	tgaaacagtt	ctctaattgt	gntaatatat	tttaagaaaa	420
aattttttaga	agtcataaat	tcacaaaata	ctcttctacc	attactatta	ttattctgnt	480
ttcaaccatt	ggacaccaag	gtgngnggng	ggttncataa	cttccggnga	cacagttant	540
gggctccttt	a					551

<210> 6318

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6318

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cgttctctat	gcggtttggc	ggggcgggta	tttacaagcc	tacagctggg	actgaaaccc	120
cgcacgcagc	cgccggagtt	tccaaactgc	gatcccttct	cacccaaaga	aacaagggga	180
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tattaccata	catgtccagc	atgcaggatt	aatattttta	atgcagattt	tttgtatttt	300
tctatataat	cgagcaggca	ataaaaactga	tgagatttgg	gcgccgagcg	tcctaactga	360
ggcctgtgtc	tcagggtctga	gagccagtgt	tctccgaact	ctgacagaca	ggtccgtctg	420
tccttccttc	tttcgctcaa	gctcgctntn	gcctgccggg	acgccagaag	tcctcttctt	480
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<210> 6319

<211> 512

<212> DNA

<213> Homo sapiens

<400> 6319

ganacgtctg	tttctgtcac	ccaggctgga	gtgcagnggc	gcagnggcgt	gatctcggct	60
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caactgcaacc	tccacctccc	gagttcaagc	aattcccctc	cctcagtctc	ccaagtagct	120
gggattacag	tcgcgcgcca	ccacaccnng	ctaatttttt	ttttttaagt	anagacaggg	180
tttcaccacg	ctggccaggc	tgnggaaaac	tcccaacctc	aggggatcca	cccacctcag	240
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ttttttttaa	agttttgnga	aacactaaca	gggtttgaaa	nagggcattt	tccaaaacaa	360
attactatat	tatatgnngg	aatcattaac	ttttcatatg	ataaaaagggg	gatgaaatca	420
ctaangactt	aatagaaagg	ttaattgggc	ngaatccgnn	taaaatangg	ggtaaaccctc	480
actnnggcac	tggtctggggt	accttggggc	ca			512

<210> 6320

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6320

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tttgtccttg	nggctttcca	cgggcagggg	cggtcccagc	gagatcgtct	cataacccaaa	120
ccagccctgt	gcacganaag	tcacgccatg	ccccacagcc	tccagtccctg	gctgctgggtg	180
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ggggaccccc	atggacaaaac	ttccgggggt	gcacctgccc	gagcagcgtc	tcccaagcat	300
cggaggncct	ttntcancag	ggctgagccc	tagtggacan	agccgtgagt	ggcaaggcgg	360
gagtcagggc	tctcggagtc	gtcaattcag	caagaaagcc	cctggcccgc	accttcaaac	420
tggaagnggg	tggtctagggt	gccggangca	nangcccaaa	aagggttaag	cacaatcctg	480
gctcctgggg	atcccccaac	ancagggnaa	cttaagtgcc	cccggnaanc		530

<210> 6321

<211> 516

<212> DNA

<213> Homo sapiens

<400> 6321

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acagctcact	gcaaccttga	acccctggga	tcaaacaatt	ctcttgccctc	aggcttagag	120
tagttaggac	tacaggtgca	catcaccata	cctggcaatt	tttttttttt	tttaattatt	180
ttttagaaaa	gcagagtctc	gctacggngc	ccaggacaat	ttcaaattcc	tggcctcaag	240
caatcctcct	gtcttggtct	aaacatgttg	agattacagg	cttgagccac	catgcccagc	300
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aaaacaatag	caaaagcaaa	aaattatact	aacagctggc	atatatgatt	ttatctgcta	420
atttactttg	ggacaatggc	agggttaaaa	gcttgcntag	aactccaatc	ngctccttta	480
gcactggtag	ggnggaatgt	ngccontgna	aaattc			516

<210> 6322

<211> 598

<212> DNA

<213> Homo sapiens

<400> 6322

gagcaataaa	gctgttttatt	tcaccagggt	gcaggcggac	tgagtccaaa	aagagagtca	60
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<211> 593
<212> DNA
<213> Homo sapiens

<400> 6328
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tcaggagatc aaaaccatcc tggctaacac ggtgaaaccc tgtatctact aaaaatacaa 180
aaaattagcc aggtgtggtg gcgggtgcct gtagtcccag ctactcggga ggctgaggca 240
ggagaatggc gtgaaccogg gaggcggagc ttgcagttag ccgagaccgc gccactgcac 300
tccagcctgg gcgacagagc gagactccat ctcaaaaaac gcgtacagca aaaaagggtg 360
ccgttacata ggtcatttga tgctatcact ggaatgtctg ttgagaaata aacgttttac 420
catctgtaga cacatgaggg cgctttaagc aggcagcgtg ggatgcancg tncnaagga 480
aggaaggagg aagaaaagctt tgtcaaaagn agcctgaaat tcagcctntt cctatctggt 540
tgcgacctgt gcctgcntcg ggtggggggc acccaatcaa ttaagaaaaa aat 593

<210> 6329
<211> 584
<212> DNA
<213> Homo sapiens

<400> 6329
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gctcaaggga tcttcctgcc tcagcctcct gagtagctgg gattacaggc acgtgctacc 120
acacctggct aatcttttaa tttttggaca cggttttgct gtattgcca agacggtctt 180
gaactcttgg cttcaagtga tccccttgcc ttggcttccc aaagtgtggg attacagggtg 240
tgagccactg cacttgccc gacttcacct ccgacctact gctggggccc ctggtttggc 300
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gggagtctgc tgccgtcaac tcacagcctg gcaaaggggc cacaacactg cactgtgggt 420
tgaggtgcat gggcccatgc tacacggccc aactcaggag taggacaagg tgtggcagcc 480
atgcccttgc ctctacaga caaagagtga ccacccacc caatttcctg gcacacgctt 540
ccaagtgaca nggtgcttnt tttaaaaggc agnccctttt tgcc 584

<210> 6330
<211> 594
<212> DNA
<213> Homo sapiens

<400> 6330
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tttttgagcc actggaaaag tgaactttct cacagaaata tttaatgttg tcaaaagaat 120
actctgtttt aacaataact ccattaattt attactttta aagatgcaca gtgctgcttt 180
tacacattaa aatttcagtg acatcaacaa cataactata tgtaaatatt ttgaactaac 240
atttcaaatg tagactgacc acatgtttga tttaaagctt aaagaatcaa tgttcccttt 300
tgtgaagatg gcttttgttg tcattagatt ctactgattt tttaggaata gagctgctcc 360
acactgaatc cactggtctt ggttgcccc acatggaaca tcaatattgg taaccacacg 420
atccctttca gcacttgtgt aaacaggcaa agagatgcac tcatccggag aatatggacc 480
acgtgcatcc tgttgaatcc agcccataaa acaagggaca ctgatgacct ctgggagaat 540

caagcttgat ttcanaaagt ggattncatc aaactacatc ctttagtacc aagc 594

<210> 6331

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6331

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gtttaaagtt	ctgacaagcc	acttttgcca	tcaacatcac	tattattatt	gccattattc	180
ttaaattaga	aataattttta	tcctttttac	tgctattact	ctgatgatat	gccaaaggtc	240
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taaaccagct	taacaaagtt	gttctatttta	atccaatatc	tactggctga	acaactcaaa	360
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atttaaatat	gcatttcttt	ganacccttg	gtacccacc	ctactttaat	ggtaaaagaa	540
gtcnttacac	catcttagga	ccttgagggg	ctaaaccttg	gaaggctaan	n	591

<210> 6332

<211> 590

<212> DNA

<213> Homo sapiens

<400> 6332

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caaattgtaa	tgtttacaaa	tctcaacttt	taatcatggc	aaagtggaca	ttcacacag	180
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<210> 6333

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6333

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aaggatctaa	acttttttaag	ttttaaaatt	taaaaatcac	ctgctttaat	tgccgtaatt	180
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gtggtggaaa	caacatgtaa	ttcagggggc	tcagagaagt	gacaagcggg	agcctgaaaa	300
cacacctttg	accggcaaag	tgagcagagc	tcagtagagg	ggaaatagca	cagcacggat	360

cctccccagg	aagagcccat	gctacgaaaa	gaacatctag	cagcaaataca	aagaaagggg	420
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ctctaattct	cggtncatg	gtctgacatc	tatttccttt	atcttctctg	gcagncatatt	540
antaaatcct	gggccggccc	cggggggttac	gcctgnaatc	cagcantttg	g	591

<210> 6334
 <211> 540
 <212> DNA
 <213> Homo sapiens

<400> 6334	
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cctcctgggg	gaggcatcct ccaagcagac ctgagcggcc ccgggctggg gcgggcatc 180
cacacacaga	ggcgataaga gcacttgga tcaaggcagc catgcagcac tgccctaggc 240
ggggatcccc	caaagtctga cagtttgggc atcagtgggg tggcagggtgc cccctcagct 300
gcctttatga	gcgcgctctt ccacgtaaag ctgcatcttt aaaatgtccg acgtcatggt 360
ttttagtgg	atcagcccgg gggatcatgca tgtggacatc ctgctcatcc gccaggatcc 420
aggggaaatc	cttgatgacc tggatctttt ccatgttgcn agtggcggn tntntcgtgt 480
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<210> 6335
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 6335	
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tacaggcaca	tgccaccatg ccagctaata ggctaatttt tttgtatttt ttgtagagac 180
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cttcccccaa	acctntcagg tgcacaaagc ctggatcccc aagttctgct gcctnctnac 480
atgtggcttt	natctgtttc cagccgactn ttggctggcc atgggnaaag tccaaccaag 540
anttaagata	ncc
	553

<210> 6336
 <211> 575
 <212> DNA
 <213> Homo sapiens

<400> 6336	
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ctttcacana	aaggattatt tacagtttat gtagatataa agctcactgt tgcatatata 180
aatgtanatg	tgcanaggca atatatacca aaacgggtat actgacaagc gatagatatg 240

008220 69462960

taanaaatgc	anaataaata	acagctttat	atatttcctt	tcctttttat	ttttaaaaaac	300
aattttccaaa	tacaaaacat	ggattattca	aagnggattt	ttcctataca	tatatataat	360
tctgctgcaa	acagnggatc	aaaaagcaga	agtgttctta	gcatgattca	tctttgaaaa	420
cccatagaac	tattcataaa	tccaattagt	tctattaaac	atattaactg	natttggttaa	480
cttatcangt	ttttgacata	gagaaatttg	gttgacagtn	atagaaantt	tatcctccan	540
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<210> 6337

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6337

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ctctagacct	acgttcccca	acatggtaag	catcagccac	atatggctaa	atttaaatga	180
attaaaatta	aataaagtta	aaaacacagt	ttcttagcca	cattaaccac	atttcagatg	240
ctcggcagcc	acataggacc	acgtgtactc	tacaggacag	cgcagacatt	tccatcttcc	300
actgcagaca	gttctaccgg	acagtgtctc	tctggactca	tttggttttg	cttttttaaa	360
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aatgctctga	accaatcaac	ctattggcct	atttgggcaa	attaggaaga	aaaaaactat	540
nagccgnttc	aaggaccttg	gctnaattct	ggttacatac	agtccca		587

<210> 6338

<211> 593

<212> DNA

<213> Homo sapiens

<400> 6338

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aaaggtacag	agaatagagt	ccaaatgaag	tctccaaatg	acaatatgcc	agagaacacc	180
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cccagctact	cagaaggctg	aggtgggaga	atcgcttgag	cctgggaggt	tgaggctgtt	360
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gtctcaaaaa	aacaagaaat	tctgagggtc	gcaattaaat	atttgctttt	aactttctac	480
taaagtacaa	aagaaaaata	acacaatttc	tatgaaatat	caggataagc	atagcaataa	540
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<210> 6339

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6339

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gcattcacag	gactgaaaaa	taatataaat	aggattccta	cagtaaacia	gtattgtttc	180
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tcttaacagt	ctatgcgtat	gaacatttta	ttctataata	taacttttta	tataaaaata	540
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<210> 6340

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6340

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tacaggcatg	taccaccata	cctggcta	ttttttttt	tttgtatttt	ttgtagagat	180
ggagttttgc	taagttgtcc	aggctgggt	tgaacacatg	aactcaagca	atctgcccac	240
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tattatatgt	aagctcatca	tataatgcag	aataatttgc	taaactgaag	agttactctt	360
aacatgaggg	cccatgaaag	gtagcataga	ataatgggta	ggagacagta	agctatacag	420
caaggctgcc	tggggctctg	ccacttacca	gctctgtaac	cttgggcaag	ttacttatct	480
tttccctac	ctactttctt	tatctgngaa	atgganaaaa	gtaagtagtn	ccaggttgag	540
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<210> 6341

<211> 596

<212> DNA

<213> Homo sapiens

<400> 6341

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tacagttgca	ttttacaact	tttataatcc	tgaagagatt	ctcttatttg	gagttttttc	180
atgcattcag	gtatttagca	tgatgtctga	tgtggctcag	aataaagggt	gcaatgaagt	240
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ggaacatcag	tattaggaac	attaaatata	tctctaaggt	cgtttaattt	gcttacaat	360
agtcataaca	ttaaggaagt	atgaggaagg	tttataataa	aatcaagggt	gtcatccttg	420
tactttaaca	ttttactgt	cattaaaaa	gcagcaaaaa	tgtgaaggaa	aactaaacat	480
tctgcctagc	ttctaaacat	agcctaactt	ctaaagctgg	cattaatatg	taaagagtgg	540
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<210> 6342

<211> 594

<212> DNA

<213> Homo sapiens

008220 69462960

<400> 6342

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cacaagcgtg	cgccatgttc	ggctaatttt	tgtattttta	gtagagatgg	ggtttcacca	180
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aacaatagaa	agtaagtctc	aaccaattc	caggccaaat	caatattaat	gagcttcttc	420
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agcagtattc	attggtttaa	agctgaagnt	aaaacttntt	nattcttttt	cgatggtaca	540
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<210> 6343

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6343

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atggagtcta	aaaggacat	gccgagggt	ggcagggtg	ggaggccttt	gggaagctca	180
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gagctgatct	ggtttgaaaa	agaggtcaaa	gcactttaca	gctccatttt	cccagcgccg	360
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ctgctgtgtg	cccacacttt	ggntcccag	gtctactttg	ctcctnctgc	accccaggag	540
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<210> 6344

<211> 501

<212> DNA

<213> Homo sapiens

<400> 6344

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agctgggaac	tacagcacca	gagaggtgaa	cttgacctct	ggtggacaaa	gcaaccatct	180
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atatggaaag	gaaagaacaa	gacaaattan	gcctgccaca	gcacatggca	agtcatttta	420
nctgcctaaa	atcagcacag	agcacaangg	gaaggagatc	ntgggnaagt	gncacttgaa	480
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<210> 6345

<211> 602

09629469.072800

<212> DNA

<213> Homo sapiens

<400> 6345

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ttaagtagaa	tgaactgtta	tgaaattctc	catattccag	gtttactaca	tagaaaagta	180
ctattttacct	acctcacaga	ggtattgtga	ggatttgtgt	ttataaagtg	cttcaggcgc	240
cttcgaagaa	aggcaacata	caagtataaa	ataatcatac	aaatttcaaa	ataaatgaaa	300
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agctcagtaa	aattattgat	gtttgggcaa	cagctacac	cagcgggaatt	aaaggtctat	540
gngggatacc	caggtnccta	tatttcaaaa	ggactnttgg	gaatctggnn	cctnccaaag	600
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<210> 6346

<211> 603

<212> DNA

<213> Homo sapiens

<400> 6346

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actctactta	atactaggtt	gtgttcctac	agttagttaa	aaaaccaacc	agctggtagt	180
atTTTTTTtag	atccaacct	agaaagacag	tgtgggtctag	tgtagagggc	actggctttg	240
gagtcagatg	ggtctaagtt	cgaatgctgg	ctctgctgct	tggaagggtg	gtaactttag	300
gtaagttgca	taacttctct	aagcctcagt	ctccgtcacc	ataaaatggg	gatatctatg	360
tatcttgag	agctgatata	cggttatgag	ttacatgtgt	catacagagg	caaagtacat	420
gtcgaaagta	gatgtggcct	gtgaataaag	tggtanggcc	aattttacac	cgatgggtaa	480
gctcacaatt	aggaaacatg	aataacttct	tttgagagtaa	tatatatnta	taatggaagg	540
tcagagttaa	aataanggat	tcccttcaat	catggttctt	taanggggtc	atcatggacc	600
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<210> 6347

<211> 590

<212> DNA

<213> Homo sapiens

<400> 6347

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ccatcctctg	ctcagaggaa	agagctgaca	cctctctgcc	cagtctcgag	gccccagtc	360
acactgtcta	caactatcta	cagccatctt	cataccta	gccaaaagag	gctccccaca	420
ttagttaacc	ctcggagtga	ttcactctaa	atttggccga	gcacactaga	gacaaagaaa	480

cacaaaccca cccagaaata aagtttcang gccatccttc cttttccacc aagtaaccac 540
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<210> 6348

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6348

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ctctcagtat ttagatgagg atagaacaga tacggngtaa cacgcctctc cactgcttac 180
tgtgtgtacc aagaaggcag aaagcagctc acccaagcct aacctggccc tgtctttttc 240
aggcttctca ggatgcccac agcacatact ggggggatgg ggacactatg gtgcactcag 300
gcagtggcaa ggggggcaata cgtggagtca ggatggagga acactgggtg ccaagacagg 360
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ggatcactga aaagctgtgc caatgcatta gccatgaaac ctaagaaact tcagacatgt 480
ctcctctggt taccaagagt tgcattatct tggggacttt ttgatttcag gccattcgga 540
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<210> 6349

<211> 594

<212> DNA

<213> Homo sapiens

<400> 6349

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 6350

<211> 190

<212> DNA

<213> Homo sapiens

<400> 6350

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caggtttggt ataaaggtaa acttgtgtca caggggtttg ttatacagat tatttcttca 120
cccaggtact aagcctagta tccaatatta ttttttctga tcctctccct cctcccaccc 180
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<210> 6351
<211> 525
<212> DNA
<213> Homo sapiens

<400> 6351
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ttacaggcat gcaccaccat gcccggtctaa ttttgtatct ttagtagana tgggggtttct 180
ccatattgag gctggtctcg aactcctgac ctccaggngat ccaccacact cggcctccca 240
aagtgcctggg attacaggcg tgagccaccg tgcccagcct taaccttaca tttctaaagc 300
actaagaagt ttctagatct gagttaacac tattatctct tgaagctcat ataccctacg 360
aggtagacaa tgcagataga tacagngatt ctcatccac acgtgaagaa actgattttc 420
agagactaat ttgcccctaa gncacacaac aaattaaggg anaagccaaa cttggaccca 480
tgnntttcaa ggncaagtt aanacntttt aacctggcct tttgg 525

<210> 6352
<211> 559
<212> DNA
<213> Homo sapiens

<400> 6352
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tctatttcat ttggaaaggg gaagattccc aaatcaaac ggttttgatc ctttaagaaag 180
gcggcagagt taattcatgg caacatatgg ttagacaaaa tcctcagtaa gaatgccata 240
tgatagtgtt cgcattgaaa gaaggatgag gtgcttcaaa tcaaagtctc aactgcttga 300
ctctcagggtg tttaaatatg gccacacacc atatttagtt ctagattata tgggatatga 360
gcaaggaatt gaaacagata agatagtttt tacagatact gtatacagat ttttttttcc 420
attcatgcaa cttttttctt aaaaaaagtt aaacatgtga agcccaaatg cccaatacat 480
ttttttaaat attactaaa ttttctgggg cctccttaca atttggtacct tttccctngc 540
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<210> 6353
<211> 535
<212> DNA
<213> Homo sapiens

<400> 6353
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aaaacagaca tgtaccacca tgcctggcta atttttgtat gttttgtaga gatgggagtg 180
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tattataggc catcaatttc catcacgctc ccacacagtg gtggnaacca aggtggnttg 480
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<210> 6354
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<212> DNA
<213> Homo sapiens

<400> 6354
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gatggcctgt caatcctggt tgcgatggtc actgtgaagg cccctctgt gtccggcagg 180
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ccactccccg caagcagggc ttgccccggg ggtggtgttc ttggncaact ggccttatgg 480
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ccttaaggaa gggcttgg 558

<210> 6355
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6355
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cttacctttt tgcacagaaa tcttattgng aagtcacat agagtcaata gctaaaattt 180
taagactttc ttggcccttc tgatattaaa caaattattt acaaactgng atcagtaatt 240
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aattgtaaaa caactttgta aggctgtaca gggctgtaaa ctactttgct aatataccat 360
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atgcattcct taaaatcatt atgatttata cccaaaggga ccttttccat taaatcccct 480
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<210> 6356
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6356
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aatgttaaca ccttcgtgtg tattcttcta cacttttcta tgttcatata aacatccaca 180
tgcatatata cacacacagg agtttttact ttttttaaaa atagaatcgt atacattatt 240
atgaaatttt ccctttttac aatatatacc atgaacatcc ccacaaatta gcaaaattct 300
agctccctca tcccagcca aatttactaa ctacacatt tgtggtatca cccgtgattc 360
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taacctacct gcattaccca ccttccttca agtcaatgca tactcttcta tacttttctt 480

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<210> 6357

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6357

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gattacagcc	tgacaccacca	cacccagttg	ttttttttgt	attttttgta	gagacagggt	180
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cctcccaaag	ttctggggatt	acagggtgta	accaccatac	ctgacctctt	aattctctttt	300
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agattatgcc	actgnaaata	aagataattt	tatttcttct	ttatgaatta	agnggctttt	480
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<210> 6358

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6358

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taaaaggatg	acctgaggct	ggcaaccaca	aaaccaagaa	gccagcgggg	gctgcccctt	180
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gcaaggggtg	ctttgatgag	cctgcgcgat	gtgggtggtga	ctgagggtgcc	cagggcatca	360
gtgatctgga	aggagatctt	gtacaggtag	ggctgcacgt	cccgaagcc	tgtgtcaaac	420
acgttatcca	ccttcgactg	tgtgggcatn	ttgggcaaag	tctnatgccg	attcattaac	480
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<210> 6359

<211> 538

<212> DNA

<213> Homo sapiens

<400> 6359

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tgcagcctca	acctcctggg	ctccggnggt	cctcccacct	tccacctcct	gagtagctgg	120
gaccacaggc	atgtgacacc	agctaattta	tttgtatttt	ttttaagaga	tgaggctctca	180
ccngnttgcc	caggatggtc	tcaaactcct	tgggctcaag	cgatcttccc	gccttggcct	240
gccaaagngc	tgaattaca	ggcatgagcc	actgngccta	gcctagggaa	tttcaaatta	300

tatatgngng	tcacgttctg	nttctcttgg	acagtgcctga	tctagaagaa	gaactgttac	360
taagagttag	ttaatggtag	ttgggaatag	ctttatgatt	caaatacatt	ccttgnaaat	420
ggtcaaaaat	tgtaaggga	ttttattaaa	taaatggntt	tcnggatttc	aaaaatgggt	480
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<210> 6360

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6360

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agaatattgc	aggttgaaaa	tacaggaagt	caaaaaatta	acaagagtaa	ataggaaaac	180
tggtctaaca	gttcacatat	tgtactggaa	aaaagagagc	acagatgcag	aaagagtaat	240
taggtgaaat	gaacctgtta	tcttatttgg	aaaaatgagt	ctctgaagat	gtaattaagt	300
taaaggcttc	aggatgagat	gacactggat	tatccaggta	gatcccaaat	ccaatgacaa	360
gtgtccttac	agaaaaataca	cagagtgagg	tcagagagat	gagaaggcca	tgtaaagaca	420
caggaaaaaa	ctggagttat	gcagccacca	gacaaggaat	gcctgtagcc	ccccaagctt	480
gaagnaacct	tggaacaaaa	tttcnnttna	agcctttgga	gggaccacgg	tttgattttg	540
aataggatg	cntac					555

<210> 6361

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6361

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tggtggtcagt	gaattattta	agaaaaaact	cagaagagtt	ttgaaaaagg	agcagggtga	180
attctacaaa	ttcaatatga	ggcaccagt	ggagaagtca	attggatgag	cacatgaaat	240
attaggagt	ctcgtgaggg	ggaagtaaca	ggtctattgt	gtgcagtgc	gggcaggctg	300
catatggaga	atgtgtttaa	agagcatttg	caaaacttaag	cattacttga	agatattaaa	360
cagaatgatg	gaagcctgg	ctttgattat	ttattgctga	catatgcatt	gcantgatgg	420
cattnatggc	ctaangatta	agcttacnnt	gaattggcca	tggaacaagg	atgcttataa	480
ataaaaaatgc	ctgttggtga	ttgcccatt	tggaacatt	gctagctcaa	atcttctntn	540
angcccatt						549

<210> 6362

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6362

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actgaatgct	agagagtcag	tcatttcaact	tgctgaacc	tcctcgtccc	cttgtccaga	180

008220 69462960

gtgagagacg	tgatgttcac	atcacaggct	tgctgtgagg	gccagtgagg	aggcaaaaagg	240
gataatgcc	cacaaagacc	aggtgctcaa	taagggctgc	tgttattact	gaagtcttgg	300
gctcagttcc	agctgtccta	ttgcttaagt	ctgtgagctg	agacaagtcg	tgtcaacttt	360
tggggccctct	agaacacctg	gtagtctttt	ggtgggtacc	accttgaaaa	aggcttgggg	420
gtccactgta	ccnttancaa	ggggtcactt	acttttccaa	attcacttac	tcttatatca	480
gaatctactg	gatcgtaaaa	ttctttcant	anangggcct	atancttggc	acatttttaa	540
anccctggat	n					551

<210> 6363

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6363

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gggtgggacg	ttaaaagaga	caactgccca	gggaacagta	gtttacccat	taaaagtaat	180
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gcacaagtta	acctgggaca	agaagcatgt	ttacttgatt	tgaattatag	aactatgtat	300
ggctccttaa	actccccctt	agtaggggct	gcattggagg	ggaggggtca	agaggtctca	360
ttcctgaaaa	ctgaaaggac	aaactgcata	aagnccaagt	tgncataagac	agatgccatc	420
tttacatgat	ataattcaag	tttaagcctt	ttaggaaata	atncattngg	tnaatattga	480
cttttacaat	acttggataa	ttctattcnc	aacccccaaa	gagccattgt	agccaaaacc	540
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<210> 6364

<211> 446

<212> DNA

<213> Homo sapiens

<400> 6364

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ctgatcaaaa	aagaaaatct	ttccaagaac	cctnccccag	gagactttct	ttgattggcc	180
agaaccaatg	agatgagacc	agtctatgcc	agtcactggg	attactaaag	aattatcatg	240
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aaccagtaat	gcctggctta	cttggccaca	gancncaaag	gcgattcttg	gataaancca	420
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<210> 6365

<211> 535

<212> DNA

<213> Homo sapiens

<400> 6365

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aanatgtnc	tctaacataa	tctgtccgtt	ataactngng	tcatacagtc	aatacattta	120

aacaaatgac	aaggtaaato	cttatgttaa	atataagata	atcnccactt	tcattttatta	180
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gatncagttc	tnntttcacia	tctactagaa	taatcattcc	ctatattatt	caatctgact	300
ttttagttno	ctcatctttc	tttttatcca	ttcaaagttt	tatgctaaac	aaaaactata	360
tgaatagggt	caaacctgtt	aaaagtgcnc	accgttgaag	acttcctttc	caatttcatg	420
gacatatncc	tatcctaaaa	tnggaattaa	aaattttccc	tttttaaaac	ccaccgnttt	480
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<210> 6366

<211> 568

<212> DNA

<213> Homo sapiens

<400> 6366

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ccactgcagc	ctccatctcc	tgggttcaag	cgagtctcct	gcctaagcct	cccaagtagc	120
tgggattaca	gacgccaccc	accacaccca	gctaattttt	gtatttttag	tagagatggg	180
gtttcgccac	gttggccagg	ctggtcatga	actcctgacc	tcagggtgat	cacccgcctc	240
agcctcctaa	agtgtctggga	ttacagggtg	gagccaccgc	accagccac	aaatttttct	300
taaagcattt	atagctttga	gtctcccttt	cacacactca	actagactgt	atgccccacg	360
aaggcagaga	ttttcggctg	gttcttncct	gntgggatcc	tcaacatcta	aaaatagnng	420
ctggcatana	agtaaaaaagt	tctataagna	ttttggtaaa	nggntgaatc	atatgtctctg	480
taaaaaccng	gtttttttat	ttccaaaata	ntttaataat	ngcttaattt	tgngccccaa	540
aactggggga	tttggnaaag	gggggaan				568

<210> 6367

<211> 492

<212> DNA

<213> Homo sapiens

<400> 6367

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gcctgattta	gcttcaggct	atagtttccc	acttccagga	ttaaatcacc	aaaatggcag	120
tatctgtgtc	ttctgtgtct	catggttgca	tatcatcatt	gcattgctct	gaagaagctg	180
aaaatgcaga	gcaatgggat	ccctgacttg	actgtgggca	gagacagagt	aggcaatgaa	240
agtgtgcaa	aggccttggg	gagagaggaa	agtaggctag	gacaatggga	ctagtcttgg	300
ggaaaaagga	cttctctgtg	cttttttagct	ccagagaagg	aatgtaaagc	aactttcaca	360
ccatcatctg	ggctgtagcg	gaacagtgag	tatctctgat	gaatgatggg	ctctatatgt	420
ggtgggctgc	ctttcagctt	ggatcaagtg	ctgcaaanc	tanagacang	nttaccatn	480
gnccntaacc	ag					492

<210> 6368

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6368

aaccagaaaa	cccactctca	ggagttgtca	cagccatagc	accttgacca	cccaagtga	60
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009270-69469-072800

actttgtact	cggtatattat	acagaaacat	aaattgcagc	aaacattcta	ctcaatattt	120
ctgccttcca	gtgccttgat	ccgatccctag	tttttcccac	tactatcctg	tcaactacttt	180
ttccatctcc	tgtagatccc	gatgcccttc	atccctttta	gcgacaatgc	attaggcaaa	240
actctgctac	ccaacatttt	tatcttggac	ccacacacac	taacacaaac	tgcccatccc	300
cttcccaggc	ccactccagt	gctggctacc	ctttaaatta	tcttactgtg	caatcctaag	360
tggttaataa	gtcaagtgat	ccctctacat	gctcaactaa	aatcaagact	tccaagaaga	420
aaccgccttc	ctccttgctg	gttcagaatt	atTTTTTggg	ccanggatgg	tggcttatgc	480
ctataatggc	agtatttttg	gaagctgang	gcaggaggat	cacttgagtc	caaaagtttg	540
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<210> 6369

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6369

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tgtcatgatg	actttcctct	ccaacatgct	ccgagatgat	gtaggtagac	tactttttaa	120
tcataggaag	ttgctgtctt	aaattcttag	gattgccatg	aaataccata	gtgttttaag	180
atttccttat	catctcagta	tgccctctaa	gtagtacact	aagtctgggt	actgtcttat	240
tactaaacat	gccattgctt	tgctttcccc	acttggagaa	aaaaacactt	ttgtctcttt	300
cataaaaagg	gggaaatgaa	atttgaatat	tataagcata	aaccttggag	tgtaaagcatt	360
tctccaaaat	gtgtccctag	aatgaatggc	agttttatct	tcttttttgc	cagggaggct	420
ttgagtacaa	gcggccattg	tggactgnat	aatcagcatt	gtggaagaga	accctgagag	480
taaagaacag	gcctagncca	cctttgngaa	tcattggggc	tgggacacct	ggtctggtac	540
taaaatctca	cttgtgggca	aanaggncct	aaa			573

<210> 6370

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6370

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tgctggcagc	tccaggtccc	ctgccccccac	gggctctccc	acttgtcttg	atcagggggag	120
acctccactt	tgaagaacaa	tatgggggtgg	gagcttccaa	tgtgcattct	gctaccagcc	180
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gtgtaacaa	cggccccaca	acagcagaca	cgacactggt	gtgcaccggt	tgtaccacct	360
gtggggaagg	cttgcaagca	caccgacagn	ccctgagggg	cccggcattc	tactnccaa	420
catgagaaag	aattaacaca	cacacacaca	tgttcacatt	ttntgcgang	gacagtcaaa	480
ttangnncca	aaggaggatg	aaaacatttt	agagaacnca	aaagcctgtt	gccttgccca	540
ataggcgtna	ggctggacac	aaaaggctgg	nttggncctg			580

<210> 6371

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6371

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aacctccacc	tcctgggttc	aagcaattct	cctgcctcag	ccttccaagt	agctgggatt	120
acaggcgccc	accaccatgc	ctggctaagt	ttttgtat	tttagtagaga	cgggggtttca	180
ctatgtttgt	caggctggtc	ttgaactcct	gacctcgtga	tctgcccacc	tcggcctccc	240
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ccttcaatca	tgtcaagctt	gttttcacct	caggatattt	accaaattgt	cgttgntctt	360
gaaattctct	ctgccctgat	cttaaagggc	tgnttcttgg	cattcagaat	tagtactcat	420
acttcattag	aataagcctt	tttgaacct	tctttactaa	gtccctcatt	taataatncc	480
tataataagc	tggaattttt	gcttggttgg	ctatggcaat	cttgnccagt	agaattcgaa	540
ttcatgagaa	acaaggtttt	gtttgt				566

<210> 6372

<211> 511

<212> DNA

<213> Homo sapiens

<400> 6372

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tgcaaccttg	aactcctggg	ctcaaacaat	actcttgccg	cagacgcctg	agctgacagg	120
ggcacaacat	catgccaagg	tagcttttaa	atttcttgta	gagaccagaa	cttaccatat	180
tgtccaggct	ggtctagcct	caagggatcc	tgtggcctca	gactcccaaa	gcactgggat	240
taaaggttcc	ctatcttaac	tgtcagtatc	atggttgtga	tgttgtagca	tagttttgac	300
aaaatgtttc	catcaatgga	aactttgtaa	aaggtacaaa	gaatctcatt	tottaggatt	360
gcatgtcaat	ctacaattat	ctcaaaaact	aaagttta	gaagactttt	tttttttttt	420
tttttttg	acagggtctt	tgttgnccaa	gcttganttc	aatggcncaa	aaaaacagnt	480
tactggaacc	ttgaccnccc	aggttaaana	a			511

<210> 6373

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6373

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gatagaataa	ttgagtaatt	ccccccata	agtacatttt	attgactgtt	actgcataat	120
aggcgataaa	tctgatgctt	atttggaata	gaagtaggca	ttcttttagat	gagctgtgct	180
ttgaagactg	ttatgaaaag	gaataagaag	tcagcatagt	ggcactcctg	gtttcctttt	240
ttggccccgc	cacagaaaag	atggatgtag	taagaaagtt	ggagtgaag	agaaagttcc	300
agggagaggg	gaggggagct	agtagtcctc	agctaaaaaa	gagaagaaga	aaagtgattt	360
taaggaaaaa	aaaattaata	gaataaaaaga	tnaaaagagt	gattaattct	tactttcaat	420
ggtaagaata	caggtctagc	tgcatatcct	ttatttggtga	ctgntttaca	catatactct	480
cctcatcttc	tggggaaagt	tcttggtagt	naangccngt	aagttctccc	nttcaatata	540
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<210> 6374

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6374

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taacctgaac	ggttcagtct	ttttgtcatg	tatgtggcct	ttggttctcc	aactacatgg	120
gatctgtgtt	gttagcttaa	aaaatacaga	attggccttt	caaaaaaaaa	taataatcta	180
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gaaaaggagg	tgagataga	gcagaaagag	gcagggaag	gggacgctgc	agctagctac	300
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agtctcctga	tcaggctgcc	ttagaaacga	ttaaaaaaaa	aggaggcagg	aagactaaca	420
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ccttttttcc	aggaactttc	cgtaaatcta	aaggggtgcc	ggggcncaat	aggggacaag	540
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<210> 6375

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6375

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
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<210> 6376

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6376

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acatactcag	catttatact	tgtaaataga	attgagtttt	cattgtttcg	ttttctgttt	180
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atccaagata	ataagtaatt	ctataaagtt	ttccagtttc	attaattcag	aatttcatca	300
tataacttga	aatccaattg	gcttcctctt	tcttagaaac	aaaaaccaa	gaaacctttt	360
tctgaaagac	attattttcc	agtattagga	caatttgtcc	tcaaattaag	tagaatctca	420
acatcttggt	gagccagttt	gtaaattcca	acttcattta	atgctgctgt	ggcaggangc	480
ttgcctggaa	ctgntggagg	acatntttta	caatagtcca	aaaccgcgt	tcaaaatcna	540
aacaatnccg	ggtttttt					558

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
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nnnnnnnnnn 550

<210> 6380
<211> 584
<212> DNA
<213> Homo sapiens

<400> 6380
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cactggcctc ttgtcagtgg ctgccggcag ggccaggaac agagtagaac ctgcagcaca 180
gctcagtcca gaaagcgcctg gcaggccttc ttccaccggc aggccgtgca ccactggtcc 240
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tgctggggct cgctgaagct tagcgaccgg ctccggaccg gagagagaga gcaggcggcg 420
gagggggcag cagcccagct gacactgggt tagatgtgtg gtgagactgg gaatctggaa 480
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aaagtttgcc acaattccca aangcttata cacagcngaa nggg 584

<210> 6381
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6381
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agaataaatg attattgtaa aatctgcaaa caatgtagggt atgtagagag tcccttcctt 120
ggagcttgac cttgtcagac aggtatagat gagtggtccg gggcagccgt aaaaactgcc 180
agagactggg ctgcttataa cagaaacgca tggctctcca gaagcccaca ttcaagggtgt 240
ccaaaggcct ggctcctgga ggctctggag gagagcctgt tccctgtctc tcagcttctg 300
ccggttgcca gcaagtgttg ccgttcattc actccagcca ctgcctccat ctgcacacag 360
caaaacagcg tatcctgaag tgctcaacct tatagccatt attttaaaat atccggaaca 420
cacaggaccg tgggagtggc tgttgagaaa attttcatga aggaagaaaag attaccacta 480
agttttaaaa tgctagtttg gttggtttgg cttggaaaagg angtaaaagt gggaagtnaa 540
aatagggagt ttggggtaag gngggaaaag caaaggaacc cct 583

<210> 6382
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6382
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gggacctcct ccatccccct accccaata aataaagtct cagctccatc tcagggtgct 180
ggtgcagggc agggatccct cactgaggag aaccagggc tgctacctcc ttcatatctc 240

008270"69462960

ataaacacca	tcatccctga	gtccacagat	aaggtccccg	gagaaggggc	ttcccctcct	120
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tccaccaaga	gttctaataa	gctaagctta	aagcagaaca	gtgaaatggc	aaaactgtac	240
agagccctga	ctttacattt	cactctgaca	gccagggctg	gaagcaccac	atggaaagt	300
ctgtccataa	ctgctcactt	acctgctcct	tgctgacagc	tcccaggatc	tggtccagc	360
gagtggcaaa	actgggaatt	ttgccaaggg	aaattactca	ggaccgctaa	taaaaacgcc	420
ggcttctgca	acatgcatat	tccccagcc	cccacctnca	tcttgcccag	ggcagaccat	480
tcattaacta	tctgcgggg	gaacaaagaa	tccaatcct	tagatgtccc	aggactcatg	540
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<210> 6386

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6386

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accatgatta	cagggattaa	ataacataaa	ggtttcctac	aaactctaca	cctgcttttg	120
ccccttaaat	atcaaatgta	gttacattct	ggtgcaaac	taaaagtaat	tttcaaattc	180
tgtctgaaca	tggtgtctta	gtctgcttgg	gctgccagaa	caaaatacca	tagactgggt	240
ggcttaaaaa	acagaaataa	attttctcac	agttctgaag	gctgggagtc	caggattaag	300
gttttgagg	gtttggtttc	tagtgagggc	tttcttcctg	gcttgagat	ggccatcttc	360
tctccatagg	ctaacatggc	ctctactttg	tgtgtgggag	agtcagagat	agagcaagcc	420
ctcttgtgtc	tcttcatata	agcctactaa	tccccatcag	accaggccct	tatgatctta	480
aaccctaant	acatcttaaa	aagccccatc	ccgaaacacc	atcagactgg	agatggaact	540
ntaaccocat	tccataccct	ggagatggag				570

<210> 6387

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6387

ggctgagaga	ttcaagtttg	ngctatatag	aacactaaca	gttactaaag	actaggaaaa	60
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aacttcta	aaatgccata	acttaactat	tacctctatt	tgtacctttc	acaaggatct	180
aggttcaaaa	taagctcaaa	acacagcact	caccacttca	acagcagctc	aaagtcaaat	240
ggaaaaactt	ggggtatatt	ctttggagga	tatactagga	cctgagaagc	aacatgttcc	300
tggttggttag	gtccacaaaa	aatttaaaaca	tgcagaattt	tatggactga	caaaaaaaaaat	360
taccaattta	agtgatcaat	atattaatgg	ttttcagagt	agtaccgat	atttgatgtt	420
caaggtcatg	catgggtatt	ttnaattcct	taacctagac	cgcanggtat	aagtcaccat	480
tctcccta	ttttgaaaaa	tottaactgg	gcaatccaaa	tcttgntttc	cattttcnca	540
aataatngna	ngacccg					557

<210> 6388

<211> 585

<212> DNA

<213> Homo sapiens

008240" 69462960

<400> 6388

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6389

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6389

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cctctcgcct	tggcttccca	aactgcttgg	attacaggca	tgtgccacca	catccggcct	120
aaaagttttt	aagagtaata	agcaaaggta	gatgtgtatg	tgtgtgatac	tgtcatggtg	180
acatttgtcc	aaacctatag	aatgtgccaa	gagtgaacac	tgtggactct	ggttgatggt	240
gatgcatcaa	tgcagtttca	acaactgtga	cacatccacc	cctctggagc	gagaggctg	300
cagtggggag	gctatatgtg	tatgggggga	aaagggggtg	tatggaaact	gtaccttcca	360
cttaattttg	ctgtgaacct	aaaactgctc	taaaaaatag	tctattttta	aaaggcacat	420
gattcaatta	cattttccat	caataacaac	tgagaggctt	gggaatgatg	accggtgtgg	480
actggcccgg	ccccattacc	tgggtgcacgt	ccttctgnat	ccgnatcgtg	gtgctggccc	540
cgacacatcn	anttgggtgag	gaaggggtggc	tt			572

<210> 6390

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6390

gtgactgatk	ataggaattt	attttttaa	aggtttcatt	agttcaagtt	agaatgacaa	60
taaatgtgaa	gacatgtttg	tctgggatgt	ggtttttttt	ttgntttggt	tnttgctttt	120
attcagcaaa	gcgtactttt	tttcccaaaa	cataaaatca	ttcagcaaaa	aaacaaccaa	180
agaacaataa	caaaaaaaca	gtgcacatgc	cacaaagcaa	accaaacata	gctcagtttt	240
cctactgata	acatatattg	tctttttaat	ttggcatgtg	gaagtcacag	aaattcacag	300
acttaatatg	cacacccaaa	tattctaagt	gcttatttag	ggagtatctt	tatttggaat	360
aaagaatttc	gagttataaa	actgatggct	tataagaatg	cagcttacta	aattggncct	420
cgttcttaca	aactggagta	atcttgccct	tgagagtgtg	aaatacatat	tcatctacat	480
ttctgcagcg	agtgggncca	cagtttaatt	tcatcactgg	tgggggttgg	caanaatgnt	540
cactcttttt	ctgntgctgg	ggctggggct	tccntgactt	gg		582

<210> 6391

<211> 575
<212> DNA
<213> Homo sapiens

<400> 6391
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caagcaacag caattactgc ttaagtgttg cctctagata ggagcggcag atagcaggaa 120
actgtattat ctccaaaaca aactgcaagc ccccccacccc cccgaacgtc tgtaatcaaa 180
tcgccatctc cccaaagtct gattggcagg gcagatcacc ctaagataat gaatttatta 240
catttcctgg gttattttaca aaagggggag ggccaatccg gattgtcccc taggtttaac 300
tgtaaattaa caagaaaaaa tggtttaaaa agaaaccacc ctagaccaa atgttctgct 360
cctctcgcc tcttcttctg tattgcttta aatctttttc aaaaataatt gttctacaaa 420
catattttct aaaatagttt cccaaagatt aaatatccct ttccaaccgc cagtatatatt 480
ttaaaaaagc aatccttcta tgtaatcatg aaggattgta aatggggggag aaatattttc 540
cttcnnttta aaaactgggt natttttct tttan 575

<210> 6392
<211> 476
<212> DNA
<213> Homo sapiens

<400> 6392
agttttgctc aaaatgctnc gtttattgct ctattcaatg accacnagcg aattataaaa 60
agacacaaaa tgtctctgnc tgccngggga taaatatatta aagtcagcaa taaaaacacg 120
tggtccaag ataatacatg ttgccaaga gtcattgcat ccctcctgat gggctctcaa 180
cacacgcacg gacatgggaa cacacgcaga gcaacacgca gtgagacttc tgggaaggct 240
ttcccacagt gacacagaaa aatgtctcac gtagatctgg gctgagtccc caccacaaacc 300
ttgagctccc ctcccctccc caacagggcc tagatcctct gggttctcca tgccccatct 360
gccccctacc ttgccagtgc ctnacaggct gggcaccctc ctgagagcat ctgacaccca 420
gaggccaccc tggctngat gccactcca acctagagaa ctntncctna gntgna 476

<210> 6393
<211> 566
<212> DNA
<213> Homo sapiens

<400> 6393
gagatagtgt gtgactctgt caccaaggct ggagtgcagt ggcaagatca tagctcactg 60
tagcctccat ctctggagtt caagggatcc tccgcctca gtctccgaag ctaatttttt 120
ttttttttt tttttagtan anacatggtt tcactatggt gccaggcca gtctcaacct 180
cctgactgaa gcaatcctcc tgctcagcc tcccaaagt ctaggattac agatacgagc 240
cactatgccc tggctctttc cttcttaaaag aaaggacact ttaaataact ttctccacac 300
acagagatga atgagcaaca gacatataag ttaggattta tttcagggtta cctgaaccac 360
ctaagagaaa acagacacac aaagcaacat cacttgacca ccgtcacact taactaatga 420
gtgtactggg acttnaggct agaacaattg ggctttctat cctctggtcc tttcagaaac 480
aaaaggggaa aaaacngnt tnaatcctca tttgctggaa attccgggcn ctncagnatt 540
aggataacac ctncaaagtt tttctt 566

009629469.072300

<210> 6394
<211> 582
<212> DNA
<213> Homo sapiens

<400> 6394
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tgcagcctca acctcctggg ctcaggcaat cctcccaccc aagcctcctg agtagctggg 120
actacaggcg gcaccaccat gcctggctaa ttttttaaaa attatttggt gagacgggtt 180
cactatgttg cccaggctgg tcttgaactc ccgagctcca agtgatcctc ccacctcggc 240
ctcctgaagt gctgggattc cacagggtgt agccactgca cctggctgca aggctgggtc 300
tgactgacaa cgtcaggcag tagtccagtc gctaggacag acggatcctg accctcacac 360
tggagtgggt cacaaggcg cgtantgcc ccaccagga actcacgtct ctcccgtact 420
gctcaaaaga tacgtagcgg atgcccttgc caaagtgtgt gaaanacgtg ggagaacctg 480
tcngcaagcc ctttttagtc cacttgaagg accgggtcaa ggtgaaggct tnaaaacttt 540
gaccactttc cttttntan acattccaga angnggncc cg 582

<210> 6395
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6395
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ttaaattttc acaagattga cattattgct taaagtgcct gaattgggta ctttttaaaa 120
aattaaggta cagattattt taaataaaaa ctacaattat tttagcaaca aaataatagg 180
aatgccacac aaatacagta actatttttg ttatacagaa atggaagcca aaaataaatt 240
aatgtaatac tggaaaacag aaatttaatt aggagaaaa gtaggaaata attttcctg 300
acccatgcca cttacatgag ttcatataca tagtgctgat aaatgccttg accatataat 360
agcaaaacag ggcaaaacat ttagtgcaca atattttaat acacgtgaat atacaaagtt 420
gatcaaaatg caatgttgaa gggataaaat ccatctgnaa taaagctaca ctncaatatc 480
taaaatagcc ctaagctcca tttggacntt ngatcatatt taggctgncc ntgaaantaa 540
gggt 544

<210> 6396
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6396
ctgcataaaa tactgtttat ttigtccctt aggaagacta aagtagtcca gctcccctac 60
agcccagtct tgccccacc ctgcactctg tcgccttagt tcctggggac caagcaactg 120
gcattttctca agcagaccct ctcccttggt ctccctttca gtccctggag tctggcttcc 180
caaaagccaa agctggagga gagctcattg ctgaggaagc agggttggag cctgaggaga 240
tgagagggc ctggaccctt cgttgatcc cagaggccca ggggcagaga tgctgggaca 300
gggctctagg ggaccactgg gtgactctt aggggctaga agcagggtg ggtgactttt 360
gctacgggtg gctgcaacac tgtctggctt ctcaaagcgc ttgccgcaga attcacaggg 420
gaagcgcaag gcagccaccg nctctgcatg cttgcgctgg cgccagttca gggaaacctt 480

09629469.072800

ntggcggcag gtaaaccgcg atatctcaca ctgnaagggg tttttttcag ggggaaacct 540
ntnggatga caaggttctt gtantgcgna agaccggccc t 581

<210> 6397

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6397

aaatagagac agggtttctt gttgcccagg ctggaatgca gtgaggtaat cacagctcac 60
tgcagcctcg acctcccagg cccaagcaat cctcccacct cagcctcccc agcagctggg 120
accacagatg tgcaccatca caccagcta atttttgtat tttttgtaga gatgggggtt 180
caccacgttg cccaggctgg tctcgaactc ctcggtcaa gctatctgcc cacctcagct 240
tccgaaagtg cagtgtttac aagtgtgagc tgccatggct ggccaaggct gtctttttaa 300
aagctaaaga tgtgtttggt caagaccagt ctgagcaaca tggcgagacc tcatttctac 360
taaaaagaaa aaaaaaatca gctggctgtg gtggccatgc ctgtatcat ccagccactt 420
gaaaggctga agtgggagga tcgcttgaac ccanaanggt gaagcttcag ngaaccctga 480
ttngccctg gacttcgnc tgggtgacaa tgagaacctg gtttaaaaag ccttgnangg 540
gtgg 544

<210> 6398

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6398

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tgtcatcaac tcaggagtaa taataaaaaa gagaaacaac cagagaggca cacagattgt 120
tgttttttta aaaggatttt tatactatat taaaaaacca caaaataaaa aagggatcaa 180
tcaacatata tcttagaagt ccttccaaga gtcttggtat gcaacagcca tggaggctgt 240
gacctttttc cttcttttct cagcctgcag ttcatttaag gatcaccgga gatgactcgt 300
gctctagttc ttaaaatcaa acttgttctg ccaaatacaa gaccctgaat ttgtccaaat 360
tgtagaaaca tgcttttacc acccgtccac caaaatacct ccattcaag tcaacaaccg 420
ctttaattgc tgattcaact ctctcaaatt ctaaaaatat ccgnactgnt tcatcatcan 480
gggcccanga atcttgaag aaaatganaa cctgatgagt naaaggcttt tgaaatgcct 540
tggaaggagt ttcccnttt 559

<210> 6399

<211> 522

<212> DNA

<213> Homo sapiens

<400> 6399

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caggcacctg ccaccacacc cgaccaattt tttgtatttt tagtagagac agggtttcac 180
ggtgtgagcc aggatggtct cgatctccag acctcgtgat ccaccacct cggctctcca 240
aagtgtgga ttacagccat gagccaccgc gccagccga aatttatttt ttgatatgtg 300

tactttctta	ctttactggg	acacaatcac	agatgacct	tgtggctgat	cttaggtcca	360
cactctncca	gaagtcaggt	tttaacttta	gcctctagtt	ctggaaaagt	tctggcctat	420
catagatcac	agatctatca	tagntcgnat	tttttaggctg	nccagtgggc	caangggccc	480
agcaaaccac	ggaccttccn	ttagccagat	attcnanaag	cc		522

<210> 6400

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6400

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ttatccagca	acacggagat	aanagtctgt	ccaacccgac	aagttccaga	ccccaccctg	120
ccctcacatc	aggctcttcc	ggtactgact	gtgcggggtg	gtctgtctga	ggtggggagtc	180
cggggctctgc	aggtccatct	gtctgtacag	gtctctcagc	tccctgacct	cctgcagcac	240
cctctttgcc	tggtctcaat	togatgatgc	ctntcccagc	agccgttccg	tctccagcag	300
cagctgctct	gactcanaat	cggcgaggaga	cggagggggg	tccttggcct	ttcgcttccc	360
atctcccaag	tccctgaacc	tctgccagaa	gctcctgagt	ctcctccaag	tttccttgct	420
accaggtcct	ggatccggga	caagntgccc	gggttgggga	gggcaagggt	tnggggggtcc	480
taaccgcgac	tggaaggttc	cggccaangc	anattcccnt	tanaaaggac	tcctcaggag	540
gccaanggcc	ttttttgggg	ggaaaattttt				570

<210> 6401

<211> 519

<212> DNA

<213> Homo sapiens

<400> 6401

cagcctcagt	tgggacttta	atgccatctt	cattctttcc	tagtcccttt	ttagggagct	60
atcccatitt	agtcatgatt	ttttgattcc	tggggctgta	tagggaggct	gggatagtaa	120
tctctgcatg	ccattgttgt	aacaagtctc	ggccccataa	attgattgga	atagaagtga	180
tcataggctg	aaccgtactt	tcttgattat	cagatcctag	acaatgtaaa	atcatggcac	240
tttgatacac	ttctgaggcg	gtgcctatgc	caatgataga	aacatcagcc	tgggtatcca	300
ctaatccttc	aaactctttc	cctgaatagt	gactgtacac	acgggtctat	cctctgagac	360
ctgattagcc	caataagtgg	cttttcctgc	agggttggtg	cttcaaacc	tccggctctt	420
ccgtttggtt	tccccaattt	aacataaggc	aaaaccngna	ntgggcaatc	tattcncngg	480
aatggccttc	anggaacant	ggactgaccc	tactggaat			519

<210> 6402

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6402

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240

nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	300
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	360
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	420
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	480
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	540
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn			580

<210> 6403
<211> 532
<212> DNA
<213> Homo sapiens

<400> 6403						
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aagttctgta	gagtatcttt	catcagtaca	tgaaaacttc	caaactgcat	gatcttctgc	120
caggcaggac	tgggtgctat	tcgctgggtt	gaggtcgaat	ccatttcaag	gcatgtcgtg	180
gtgggacatt	aatgggtggga	tggtagaatg	tgcagtccgg	tcttgtagat	tgagtgttaa	240
acctacaatg	ttttggatga	tagaagggaac	attccatctt	cttacaagca	gggaagtaac	300
ggcagagctg	actactggaa	ggtgggtgctg	gtgggtgcaac	tggttttgga	gacagtactg	360
gaattcttct	actcacatga	gtgaagggaac	aatctgggtt	aatacacttt	gcatcatatt	420
taccatttgg	gtgaacaaac	caacattttt	cagcaaattt	acaattgggg	aangcttttc	480
angngaana	aggggtgaat	ggnaggcaca	cttatnccca	nttttaccag	cc	532

<210> 6404
<211> 547
<212> DNA
<213> Homo sapiens

<400> 6404						
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ggaggccatg	accaggctgc	anacctccca	ctgcctgggt	tacagccagg	acatggccct	120
gtgcagaccc	tgccacgaca	gcccagccgt	ccaccacccg	cctcatctct	gccaattgtg	180
ctggggggcag	ggagaggcag	aggcccgcct	caggcttccc	aagccctggg	gctcacgggt	240
ggttccctcc	cttccaaggg	agtggcactg	tgcccagggg	agagccaggg	gatgggggca	300
gaggagggag	acagcagctg	ctccagaccc	tgagcagaaa	accagagtga	gcacagctgg	360
cagcaccaga	tgacagatct	gggctccagg	ggcctcctgg	ttggcccttg	tggtcgaac	420
ctgcttcggg	agacaggcag	ggtgaggggc	ctgttcgctt	ttctctgaca	anggttcaag	480
ggccttgtgt	ggcttgctgn	ttccctgggt	acccgggaac	tggtggcncn	taatggcctn	540
naaggca						547

<210> 6405
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6405						
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ttaataaccag	agccattctg	gagatgccat	gtaagaaatc	tggagttact	ctaaatcttc	180
ttcttagtgg	tatcagaact	ggggagaagg	gtccaagcaa	agtgttgcc	ttgccagtgt	240
attcggatcg	aggttatgag	gaagagccct	tttcctttgt	cagtgagttt	catgtttggtc	300
caccactcca	gcgctgagca	gctccccgat	ggccctgtca	tcgtatctca	ggacctcctt	360
caggatgtgc	gttgtgtgct	gcccagagcag	ggggggcggc	ctggcctctg	acatcttgaa	420
cttactgnat	ctcacagctg	ggcctgggac	ggaaatcttc	cccacagttg	gatgctccat	480
ctccataacg	angnccttt	gggnaatacc	cttgctgac	cttgaagatg	aaggaagggn	540
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<210> 6406

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6406

aacagtaaaa	aaaaatTTTT	agtaagttcc	aattgtgtgt	cagaattgtg	ctaggcgcag	60
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cactctctgt	caaaggatcc	agcgctggta	atatagattg	ctgaaggcct	ttgccttctt	180
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ccacatctca	aaaacaaaaa	acaaaaagg	atcacagatc	tctttgaaaa	tcagtggccc	420
ctttagactt	tctngnccca	aaaagttatg	ctttcacctc	agcaccagn	tttccctagt	480
taatctgaag	nttcatgggc	ctatgatggn	cccaaattnc	tggagcttca	ganacccac	540
gtnagaaatn	ctagggg					557

<210> 6407

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6407

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ttacaggcat	gcaccaccag	gcccagctaa	ttttgtatt	tttattagag	acagggtttc	180
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aagaaaagga	agggtggaat	tgatcatcaa	aaggccaaag	aagtaaacag	aggaaaccag	420
ccaaaaaaca	gaaacttagt	accgtgttca	agcaggacac	agcatncaaa	gattancaat	480
ctctgaccat	cgcaaccggg	gagacagaga	acagatggcc	cattcaggnc	ttttttccta	540
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<210> 6408

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6408

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cccccatctc	ctctctctgg	cccaggagac	gctcaggaca	gcagggtga	gccctgggaa	120
gggctggagg	agagcttggg	ggagggtatg	agaatgagaa	aaacactttc	aaaatgaagt	180
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ggggcgcana	tggccgggct	gggggggtgca	gagggctggg	ctggggccct	gtgtcctcaa	300
ccactcctga	gaacacggac	ggtcagggaat	gaggggctca	gaccccggtt	tggtgagagg	360
gaggtgacag	ggagggaagg	agcctgctgg	agggaaacct	ggctgggagg	atgggtctgg	420
gccaggctg	gggcctaagg	agggggaaga	acagatgaag	cggctgatgc	cttcaatgac	480
ctgctnttan	aatccacctc	cttttntcgg	ggttcttgct	cangaaaatg	gggggacttt	540
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<210> 6409

<211> 503

<212> DNA

<213> Homo sapiens

<400> 6409

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tccacctcag	cctcccagat	tcaagcgatt	ctcctgcctc	aggttcctga	gtagctgana	120
ttacaggcat	gcaccaccac	gcccggctaa	ttgggggtttt	tttttgtcct	tttgtttttt	180
gtttttgacc	gattcttggt	ctgtgccagg	ctggagtgc	gnggtgcgat	ctcagctcat	240
tгнаacctcc	atntcccagg	ttcgagngat	tctcctgcct	cagcctcctg	agtagctggc	300
actacaggng	tgtgccacta	tgcccagcta	agttttgtac	ttttagtaga	gacgagggtt	360
caccatgttg	gccaggatgg	tcttgatctc	ttgagcttgt	ccaggatggt	cttgatctct	420
tgagcttgng	atccgcccac	cttggcctnt	caaagtgcctg	ggattacang	tntgagccac	480
tgngctngn	cagggttttc	ttt				503

<210> 6410

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6410

caactgtgat	cactttcaga	cagaaaagcc	agcttaaaga	gttaatttac	aagctgcatt	60
tgggcaaatg	gtgttaaagt	atgaacactt	tctaacgctt	tattcatgta	ctgactagca	120
aagacatttt	ataaaatgac	tactacctgg	gattacaaac	gcaataattg	tatacattct	180
cctatacttg	ttggctagcg	gtgggttaatg	cctctctaag	tattgcctac	cgcaagaagc	240
tacaacttcc	ctacttaaaa	aggcccttaa	ttactgtgct	ggattctctt	ttctacaatg	300
tcttgcaaac	tatcaagctc	acaatgggtt	ctgttcagca	gtttatttct	tctctgaaat	360
atcctgttga	aatccataat	cattttgaca	aaaccacac	agaaagcaag	ccaataattt	420
ccctggcatt	tggtaaatgc	tgcagaacca	tcataaaagc	accacatgta	aaaataatta	480
ttcaatgnat	taagcgctgg	ctntggacca	nttcctgggtg	taagcccttt	acatggntaa	540
atcattnaat	ttcccacanc	ntttgaaggg	g			571

<210> 6411

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6411

ccttccacta	tttgattcct	gggagcagtt	ttctcagatt	cgcattttgga	tcccaacott	60
ggtctgga	gcaaagccag	ctttggagca	gcttgccctg	cagtctcccc	agctgcagct	120
ctccccac	tcctgggtcc	cctctggggt	cccagccatg	ctcagggggc	gtccctccag	180
ctggcctctg	cctacctgaa	gacagcaggc	tgccgctgct	gccgctgatg	atcttcccct	240
tgctacctat	gttggccagc	ttcgagggtc	tcagcgtccc	cgtctcggtc	aggtcgatgg	300
cgatctcact	caggctgcgt	gctgcatgga	ttttggactt	actctgcttt	ctgtccagat	360
agaactgggtg	ttggcttatg	gccatagccc	agatggactt	gatcaatgcc	ggacatgcat	420
accacgtgtg	cactgcaatg	ccgctgtgcc	caaacgtcct	ccttgtcact	gaaccctgcg	480
tgggtcatga	acttncacgg	aaaacttctt	ttctctgaag	acangttttc	caactgcttc	540
attggaanac	tttcttggnt	tcactttata	anggg			575

<210> 6412

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6412

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cttgcttgtg	cttgggggggt	gcccacttga	ggcagacgga	gtccactgtg	atgggtggtt	180
tcttatactg	ggcacttttg	aggtgctcct	ccaccagctt	gggtgtgaca	cagatcacgt	240
gctggccctt	ccagtacttg	accatattga	gggattgcag	ggtactgatg	atgtcatattt	300
gggtgatact	ggtcatcttg	ctgagggtcct	tgatggacag	tgtgccccgg	aagtcccgca	360
ggatctccag	cagcaccacg	gaccagtagc	tgcggtagct	gagcttgccc	aggtcagaca	420
gcgggtcttc	cggggagccc	gactgtgtct	tccagcttgg	agagctcata	actgaaagcc	480
atgangaact	tcccgttaacc	cccggcggtg	gtaggggggc	aaggtcagga	tgcangnccc	540
aattgtttcc	atccgggact	ccttntcctt	gganaantac	ccan		584

<210> 6413

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6413

ccagtttgat	tcgtttattg	acaaatcaaa	tgaaaaaat	tcacttaaaa	gaagggtntg	60
tgatcacaaa	tgtagctaac	agggggaacg	catacagcac	cagggaggga	gagtgaggct	120
ggacatacca	ttacagagag	gaggaagaga	aaggatggcg	cggggggcgg	aggaaagaga	180
gcacctgcca	aaaatccac	actttccact	tntcagctat	cactcaatca	tttttctgga	240
tagggttaac	agctagaaat	ggtttaaggg	caacatccag	gtagtttgtc	tggaanatca	300
gggagatgaa	gagttggaga	gaatgtgggt	gtagcatttt	gaaggattct	ccagcttgaa	360
cctgttgcca	naaccctttt	catgggtgaac	tgggagtcag	gaagcttaat	cctgggtotca	420
gctcagccat	gaacttgctg	tgtgactttg	ggtgaatcat	tttccctctg	ngatccctctt	480
tcctctgntg	taaaacaatc	aagttggcaa	gttctccatg	ggttttagcc	cttttgcaat	540
gccaaccgtt	ntggcaacct	nggottaacc	aaga			574

<210> 6414
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6414
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tagtttttga aaaatttttg aaatgtatta cttttagtagt ttttctccga tataaattcc 120
ctgatgttga acgaagtttg gagcaactgc ttcggataca aaatgtgtac aataagatct 180
gtgatacaag taaggcaggc actacaaccc tctttatgtt tctaattgtt gtcttcaaaa 240
taaaaactct ttttttactt taaaggctta tattggctgg gaacagtggc tcacacctgt 300
tattccagca ctttgggagg cagagggtga tggatcattt caagtcagga gttcgagatg 360
agcctggcca acacagtaaa accctgtctc tactaaaaaa taaaaaactt agcccgagcg 420
tgatggcaca tgccgtgtagt cccagctatt ctggaggccc aggcaggaga attgcttgaa 480
cctggaaggc anaggttaca gtaaaccaag aattgcacca gtgcacttca ncctgggana 540
agagttttcc gaatctcant taaaaaaaaac ccaccaaacc ant 583

<210> 6415
<211> 586
<212> DNA
<213> Homo sapiens

<400> 6415
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aatacagcgt aattgggtcat caaaatacaa aacagctaatt cttatattcc attttttaac 120
catgccaacg atcaaattgt actgctgatt aacacaaaaa taattgctgc ccacttgcatt 180
actagcactt cacccttcc tccccacctc cccccccctc ccatggcaat atttacttat 240
gggaaataaa gaccttacag aacccccaaa ttaaaaaaaa aaaacagatt caagagatct 300
taaaatagag catttaaaat attatcagtg cattcatgag gaaagacaaa ataatacaaa 360
acaaaatgtc atcctatctg agaggaaaat gtctgcagaa ataaaagtga tttacacata 420
atagaaaagt ggaagacaaa aaaataatca acacacactc aaatctggga ttgggttaca 480
tncacacaag ggctgnntac tattatggca tncatctct tgcttttcca gttttaaaact 540
tgcaaatcca attcttaatt aatgggnagg aaattccaaa aggaag 586

<210> 6416
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6416
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aaacaagtga aactccaaca aataagtctt ctccaacagc gagaaaaact gtacagttac 120
tcaaagctga ttctgtgaga agagggtctc atacttgtgc aaacggaggc tcttgagcca 180
tgagggcaca tctttcatgc cactgccatc ctccctggaag gtgttccggc tggagccctg 240
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atcgggctgt gtaaaagcag cccgggcccc aagctcctct ggactcggcc actcaccagg 360
gacctggggg cttgtagggg tgagtgcacat ggagcgcttc agtgggctag ggtggatttg 420
gcaggggaaa cctgtgtttg cattgctccc aatactgttg atggctgcng gcacttganc 480

tggatggtgg aaagggcccg tgtccanttt cggggngnt ttgccttgcc agcctgacct 540
tgcttccan ggcctaactt ttgangggcc cccc 574

<210> 6417

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6417

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caacctccac cttctgggtt caagcaattc tcctacctca gcctcccgag tagctgggat 120
tacaggcgcg tgccaccacg cccagctaatt ttttgaattt ttagtagaga cagggtttca 180
ccacattggc tgggctggtc tcgaactcct ggcttgtgt tccacttgcc tcagcccccc 240
aaaatgctag gattacaggc gtaagccatt gcaccagcc aagggtggctc ttcttaaacc 300
ttggtttagt gtcacctaca gatgaaaggt gaaggaggtg agtgcagaaa ggagagggag 360
cacagaaagg aaatggggag agaattggagg aagataagga aagacaggaa aggaggaggg 420
aaaaggggag aagatgaaga tagagcgtgc tgtatgangg caaagggtggc anaagaaaca 480
ccangaaggt ggagaattca cttctntnta anangagctg gcttttccaa atga 534

<210> 6418

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6418

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gcaacccccg cctctggggt tcaagcaatt ctctgcctc agcctccga gtagctggga 120
ttacagggtgc ctgccatcac acccgcccaa tttttgtatt ttagtagag acagggtttc 180
accatgttgc caggctagtc tcgaactcct gacctcaagt gatctgcctg ccttggcctc 240
ccaaagtcct gggattacag gcatgagcca ctgcgcctgg ccatgctctt ttttaactct 300
atcaacacca agcccgtac aactcacct agactgcctc tgctctacc ctcttgcct 360
agcacctttt catcatctag tggtaatccc ctgaaatgct tcccagtgcc tgccaaatca 420
tcttatcttg cctcaaattc caagtctggt ccttttatct catattttct gcttccctga 480
accagttcta agagccccct tcaagtcttc catctgncct cntatctacc tatgccccan 540
gangnaccct ttttcttggg gaaaaagggg ccattct 577

<210> 6419

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6419

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tcattcatga tttggctctc tgcttgtctg ttgctgggtat ataggaatgc ttgtgatttt 180
tgaacattga ttttgatccc tcagactttc ctgaatttgt ttatcagctt aagaaggcct 240
tggcctgaga tgatgggggt ttcttgatat aggatcatgc catctgcaaa cagaggcagg 300
ttgacttccc ctcttctat ttgaatagct tttatttctt tctcttgctt gactgtcctg 360

<210> 6420
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 <212> DNA
 <213> Homo sapiens

<210> 6421
 <211> 573
 <212> DNA
 <213> Homo sapiens

<210> 6422
<211> 578
<212> DNA
<213> Homo sapiens

<400> 6422						
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cctgatttca	agactactat	aaaactacca	tgatcaagac	atttctgctc	atcaaaaagac	180
atcactaagg	aaaagaaaaat	gaataagcaa	gacatgcctt	tgaggaaaaa	tatctgcaat	240
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aactgttgat	atgaataaca	aaaataatga	gatttaagaa	catgtaaaag	attggaacag	360
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gtactcatca	gggaaatgca	actaacatct	tacatctact	aacatgacta	aaatcaaatg	480
gagaacaatn	tcagatggta	gtgagcnttg	aagagccact	ngnactttca	taccttgntg	540
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<210> 6423

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6423

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gttaccaatt	tgttataata	aatgagttta	agaagtattc	tcattttttt	ttcttaaatg	180
aagactttac	ataagattca	caatatttct	ttcttgaagt	ttgataaaat	ttattagtgt	240
ggccatttag	gcttcacatt	gtcttggtgg	aataattttt	aattgcaaat	tcagcttctc	300
taatcaatat	agggatacta	aaattttcta	ttgctcctgg	gtaataattt	gtgttttcca	360
aagaatttat	ttttttcaac	taagttgtct	aatttactgg	cttagagctg	tttatgatat	420
tctcttataa	ggccttttaa	tgtccatatg	atccgcagtg	atgtctccta	ttttattaaa	480
tatactggta	aatagtgtct	tctctcttat	tctgggatag	tctaantaga	gctttatctt	540
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<210> 6424

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6424

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tataaggcaa	agtctaaaat	cagaagatat	ttgaaggctg	aattctagac	ccagggtaat	180
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gcctgtaatc	ccacactttg	ggangctnaa	gccggtggat	catcttgagg	ccagagtcaa	540
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<210> 6425

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6425

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agttctatag	atgaggccag	atcatttttg	agaattaaga	taagagtggg	aacttgtaa	120

aacaaaaatg	aaaataaaaac	ccacctcaact	cctgtatctc	tccctgatta	gacattaaag	180
aggtgaatca	ctgcctctgg	ctgcttcagc	cttccaggaa	tgaagagcca	tccaccttgc	240
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tttcattggg	ggacaagaat	aaaaaccagc	ccttacactn	tgaccncatt	tggattaaag	540
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<210> 6426

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6426

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cacaattaaa	agatatgatt	aagcacttac	aggatgtgaa	atatttaaag	gtaatacaca	120
ataatcgggt	tacaaaaagg	acgccttcca	atttttcttt	ctattcattt	tgatgttttg	180
ttcttttcaa	aacattttct	ctcattacat	tcattactaa	aggccttact	ttaaatacat	240
catgctacat	tttgttctcc	tcttcaaatg	ccaatgtttt	aacaatttga	attctctggc	300
ctgggaaaaa	gaaaagttat	ccacttacaa	ggtatacgta	ttgacaacat	ggatgttaca	360
gtccaaacaa	cagcacaaaa	tcaaccatgt	acatgtaaca	tagtgaaatg	agtccacgtt	420
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cacttgtcaa	agcagcttct	cantgggtgt	gggcatctgg	ggatttcttc	ttgggcttct	540
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<210> 6427

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6427

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cacgtgtaat	tagaaaattc	atttgaacaa	agaagaaaaa	ttgttattat	gggaacagtg	180
gcatgtaact	gtcagcacaa	tcaaatcata	caatagcaca	gtgatcaatt	agaactagtc	240
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atattgtaat	ttgttttggg	ttaatctgat	tactaaccat	ctggctggtt	tgctatttct	420
gactttaact	tatgaacgcc	ttaacatttt	ctttatatca	ggcacatatt	aacttactaa	480
agatatttat	tattaaatac	taaataattc	aatgtccaaa	ctgacttaac	anntaatgga	540
aaccaacat	tcattttcatt	cctttgnttt	aatttcng			578

<210> 6428

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6428

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aggaaatgca	cattcttaaa	aagaaacaaa	tattatcacc	ccaaccagtc	cgaactccat	180
gagacgctta	actaatgtta	tgtgttgaat	tgtgtccctc	aaaacgatat	gaagtcctat	240
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gatgagggtta	tactggatta	aggtggggccc	caaataccaat	gactcaagtc	ctcataagaa	360
gtaaagatca	gactggggcac	ggtggctcac	acttataatc	ccagcacttg	ggaggccgag	420
gcagggtggat	catgagccca	ggagtctcag	accagcctga	caacatgaca	aagtcctgtc	480
tctacaaaaa	atagaaaaat	tagctgggca	tgggtgttgca	cancgtgtagt	cccagctact	540
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<210> 6429

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6429

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ccctcctttg	cctcccaaag	tgctgagatt	ataggcctga	aacactgtgc	cccgcctaaa	120
ctcattcttc	tgcatgttaa	agttcaaaag	ctactataaa	ggacgtatct	taagaaatcc	180
ttccttcttg	aataatgtct	gccccttgca	atcttcaaag	tactttaaga	tcatgagatc	240
tcagttgttt	agcagaactc	ttaaatactta	aattatcttc	aattcctaag	gtcttgggta	300
cttcaattaa	cattccattt	aacaaatatt	tgtgaatacc	aattctgtgc	caggtttagac	360
caagaggact	caaagaagag	gaagaaatcc	ttgtcttcaa	caggctctgg	cagctctgaa	420
gattccctga	aatgtgacat	gtaccgtgac	tgttgcatct	tggagtagcc	actacactgg	480
nntaaatcnc	aaattgggga	ggctcttcta	aggagtncca	cagnatttca	ccaaggngat	540
cccggnata						549

<210> 6430

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6430

ccagtaaagt	tctttttattc	ggattttaacc	taaaatagtt	cgcttgatct	ctntttgata	60
gagaaatgaa	atctccagtt	ntatagacta	taanggaaaa	gtattgaatt	tgcataattc	120
caataaaaga	tatttgcttc	atgctttggg	catntatcat	agtngcccaa	aagactntgt	180
ccagtaaaca	taactgtcac	agtactgaag	cgcaaaactta	caaaattgnc	tttnggttac	240
cacaacacac	acagntttta	gtcagctgac	tattcatgtt	gtttgaaaag	catgaaaaatn	300
caggttttta	gcatgcnac	ccagttggaa	aaggacttgc	tcctccggaa	acaccattca	360
ttcgcttttg	canagctgag	agcacctgtg	catgtgaaca	agcagggtggg	tatctcactg	420
gtttctgcag	tcatcacttt	ccttgatagg	taagttttga	tnccanccag	gggaaaagtc	480
caggctttta	cctcagcttt	ttccttanat	ttngcctttt	tnggaanaat	tttc	534

<210> 6431

<211> 588

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6431

aaataatgag	aattagttca	tgttaggagt	gcatggatct	atgattccac	ccaacactcc	60
cccctcaaga	tcttacgggg	tagacgccat	ttgaagcaaa	gggagtgtga	tggttgatcc	120
tggtataaca	tcaggagctt	taaatcccaa	aaatgtgggg	ttgctcatct	tggtccagta	180
gtttgccgct	gttgctaagt	ttgggaacat	tcgtggtgac	agctcccaa	taatggggtg	240
gcaaagtaca	ccccaaaact	caaaatattt	ccccaatgcc	ttttaacca	ttgttttttt	300
tctcctcaaa	gactgggato	tcagacacaa	tggcccgtag	agcaatggag	ccatccatgc	360
actgatctag	aaacattctc	acagcattaa	taggttgtca	tctgtgcttt	cttggcaact	420
aacttgactt	gcgtagcttg	tgtanagggg	attcaaagtc	tncaaatnga	agtgtgaaca	480
ttaattcttc	caacccatgg	tcttgagctg	atccaaccta	tggctggatc	tgctttgcaa	540
cttgnttann	ngaataagca	cttttancat	gggnaagnct	ttcaataa		588

<210> 6432

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6432

ctgagatgga	gtttcactct	tgttgcccag	gctgggggta	aatgctgtga	tctaggctta	60
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gattacaggc	accaccatc	catgcctgac	taattttttg	tatatttacc	cgaaacgagg	180
tttcaccatg	taggccaggc	tggtctcgaa	ctcctggcca	caggatgatcc	atccccctca	240
gactcccaaa	atgtttggat	tacaagcgtg	agccaccgtg	cccggcctta	aacatgcaaa	300
tctgattatc	tctctcccct	tottaaaaaat	gttccttttt	tccattgccc	ttaggtaata	360
ggcccaaata	cacaccttgt	gtatagggtc	agaagacctt	caggcctacc	ccagaccctt	420
cctggccctn	agccacactc	ctgccttgca	gttcctntga	catgaatgca	atcntttctg	480
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<210> 6433

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6433

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aaataaaatg	tcccagcctg	gatagagtga	caatactttc	tctccatttc	tatctcaagc	120
tattaaagat	tacctgcggc	agcattcttt	tggttgaact	tggttaaata	catgttcatt	180
cctttcttaa	agtccttata	cccaatgtag	tcattgcagca	ttcggtatgac	agatgcacct	240
ttgctatatg	atatagcatc	aaatatctca	tcaacctcag	atggatggcc	cacactgact	300
tcaataggat	ggctgttata	taaggcgtca	agtccttggg	cacgggtgta	atcagcagaa	360
acaaactgag	tccaaatatc	atactctggg	aagcagtggg	ctacacacag	atattcaatc	420
caggatgcaa	aaccttcatt	taaccaaaaga	tgagtccacc	attccatagt	ancaagattt	480
ccaaaccatt	gatnggcaaa	gtcatgtccc	acaancngga	gcanccact	ggcgggatga	540
agaacaggaa	tttttggatc	aataagcaat	gcanctccta	tgtnaaaa		589

<210> 6434

<211> 593
<212> DNA
<213> Homo sapiens

<400> 6434

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gctcactgca	agctctgcct	cctgggttca	caccattctc	ctgcctcagc	ctccaagta	120
gctgagacta	caggcgccctg	gctaattttc	tgtattttta	gtagagacag	ggtttcaccg	180
tgtagccag	gatggtctcc	atctcctgac	ctcgtgatcc	gtctgccttg	gcctcccaa	240
gtgctgggat	tacaggcatg	agccaccacg	cctggcccaa	ctttactgat	cttttataat	300
gatctttcta	tgttacttat	ttagggatat	cctttttaga	caatcaatat	gatccaataa	360
tttacattta	gtgactcagc	aacatacttg	atctaaatta	tgctactctt	tatgtgatgc	420
tatttggttg	tatggcttca	aacaaaaacc	ttaattgggc	ttcacttcta	ataaagatga	480
attttacctt	ttaatctaaa	aatgacattg	aaaactttta	ctttttaana	attctnggaa	540
tcattatttt	gnnccaaaag	ccttaaangc	cttttaaaag	aagcctgatt	tnt	593

<210> 6435
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6435

ggaggtatgt	cctgaacttc	catactatta	actagacaca	gaactgcaca	gcaggatgcc	60
tgctgtgtgc	attccagata	tagtacatag	ctcagctctc	aaatcagcaa	caaagaagat	120
aagcacacca	ggtccacata	gcagagaact	tcacattatc	aagtttctat	ccaaagcttc	180
aaagaagcaa	ataatatttt	gaaagactat	gtgataaaaag	gatcaatttt	tagaaagttt	240
catgatctgt	catggatcaa	tagttttata	aggacactga	aacttggatg	ttgaggcaat	300
gtcaaattgc	cccaagtttc	taaatgctta	ctcttcattt	ctgtacttaa	tgtggacttg	360
gatcaaata	ggcatgaacc	agcattggtc	cgtggactgc	attttgactc	gtattggttt	420
aaagaagttg	tcgtttactc	ctcgaggtag	tctcagatct	aattttctct	tggattaata	480
tgacaactaa	tacttgaagc	acttagctta	ctactagagg	aatctatcta	ctgggggatg	540
ccttatggnc	ctaactttta	tcaaattttt	aagnnttgat	aaaaannc		588

<210> 6436
<211> 598
<212> DNA
<213> Homo sapiens

<400> 6436

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tttggatga	ggcagtcatt	agtgactttt	aaaagagcag	cttggtagaa	tgtaggagg	180
ttgggttatt	ttctttttta	cagatnctat	ttattaggca	ctatataaga	ttaaaagaga	240
ctttaacacc	tcttttaaaa	aaaggcttta	tctctttcaa	tgcttacact	gactctttta	300
acaccctttt	tatagatgaa	aagtgcnatt	gagagagggt	aagtgacttg	ttcaagccct	360
tgtataaatt	aagtatggac	acaggattta	accagttgt	gtctgatcct	aaagcttatc	420
attttaatga	gttgccctct	ctctcattca	tggaagccag	aatgcaagt	gttaaggagt	480
aataaagaag	gtgaatggaa	cnggtatag	aggactctta	aggacagggt	ttggccaaaa	540

09629469.072800

gtgnaaaggg aaaaaattgg gatgttgctt ttnggtttnc angggaaagg acctttnt 598

<210> 6437

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6437

cagtgaatt	cattcacctt	gacatgtgta	gcaataatca	gtcattttga	cctctgtgta	60
ccaatgatag	ctaaaatata	ttgagcattt	tctgtgtatc	agacagtctc	aactacttta	120
catgggttaa	ctcaatcttc	acaataatcc	tttgaggtag	atagtattat	caacctactc	180
cgtatgaaga	gactaaaatt	caaagggatt	aagcaacttg	cctaaaataa	atgttactag	240
gcggcagagt	ctggataaga	acactacaat	ttattaatct	attctctgtc	tatggatggt	300
tgggcagttc	taattttttg	ctatttcaat	aaatgttgct	aggaataata	gtgtatagga	360
cttatgggat	atatgacaaa	aagtttctct	agaagacaaa	gaatagaaat	actgggtcac	420
aggatataca	tatgttccag	ttctcataat	gaaaatgatt	tttgangtgg	tttgaacaat	480
tcatgtnttc	acaatcgggg	ctccatattc	ttaccaagac	taggactggc	acactgggtc	540
ctcttaaattg	ganttcngnt	atttaaattc	cattttaang	gacccccct		589

<210> 6438

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6438

gggttttaaaa	ataaaagcac	ggaccaatga	ggtgggaaag	actgccaggc	tggttctttt	60
acctaggatc	tcagtaatac	cagattccag	attccctctc	ggcctctaag	gctctgaatc	120
caggttagag	gtctgaaccc	ctcccccg	ccccaaatgg	ggggcattta	gttttttggt	180
tcataaatac	tgtccaggca	actcaaagaa	gacaccaagg	ttggactctg	ttttctttcc	240
tgctcagttt	tttgctgctc	cagtgtatga	attgagattt	attttttaag	gccctcctac	300
atttatcctg	tgttgctcag	aacgccgacg	tttccactg	atatctgtcc	tatactttca	360
aaagaaggta	tgatcttctg	ggatcagatg	aattgcttaa	gtggttacag	tttttgcaag	420
ggtgttctaa	ctgatgacag	tggggtaaag	tgggattcta	ttggcctctt	gggtncatt	480
gnatctgntt	ctactatgca	atttaaaant	gcttngaacc	ttttccacgg	gctaatttga	540
tnttnccaat	tgg					553

<210> 6439

<211> 587

<212> DNA

<213> Homo sapiens

<400> 6439

aactgagata	aatgtagatt	tacatatagt	tgtagaaata	atacagaatt	atcccgtaga	60
ccccttacct	agttaccccc	aatggtaaca	totttgcaata	ttataccaca	atgtcacac	120
caggatattc	agatagatgt	catccactga	tottactcaa	aattcactca	ttttccatac	180
agtcctttga	ttgtgtggta	gttctgtgaa	atttcatccc	atctgtagtt	ttcatgtaat	240
catcgccaca	gtcaaggcac	agaatgcttc	acttccatca	ctataaggaa	cccttgtgtt	300
gcccttttat	aaccacaccc	acttctctcc	tctctcccaa	actccatctc	taatccctgt	360

taaccactga	tatgttcctt	acttacacaa	ttttatcatt	tcaagaaagt	tacagatatt	420
gaatcacata	gtatgtaacc	ttttaggatt	ggngtttttc	actcagcatt	attccctgga	480
gatcatccaa	gttgtggacg	aatgattggg	tcntttaatg	gttggggang	tagnctntgg	540
gattgatggn	ntcacagttt	aattattccc	ccttgaaggc	anttggg		587

<210> 6440

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6440

agtaatcttt	atcccttcag	agaattcttc	ctttaagtct	tgggtgagat	attttattat	60
ttttaaggnt	tatatatcta	tattgttaga	acaagcatat	tctggcaatg	ttgttcttta	120
aaaaagcatg	gattgcattt	atatagtgtt	tttttccaaa	aatctgaaga	aattatcaag	180
agcacttggc	agagataact	tgatgaaatc	aggggaaaaa	attgatgtcc	aacttttaaa	240
tatacaaaaa	cttgattgac	attctacata	attcaaatgt	tgtgcaagat	gttctcaata	300
aacattttaca	gactgtatcc	ccacaccaat	gtcagaaatt	caaagctggg	cctattactg	360
atgtgataca	tcaacatcac	aatgtcagct	atcaaaaatc	attttaaatc	tatgtttttc	420
caacaactcc	agttccatca	atgaaaataa	ttttaaagga	tatcaagctt	ggaaaccata	480
aaatatttgg	caagcnttgg	ttggttgggt	ngtttggttct	tctgnttggc	ctttgaatct	540
anggaaagnc	nccttantct	cttcaggaaa	a			571

<210> 6441

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6441

cggtagacag	agcatcttgc	tatgttgctc	aggctgatct	ggaactcctg	gcctcacaat	60
actcctgcct	cagcctccca	catgagctac	catacctggg	aggacattat	ttttaagctc	120
ccattagggtg	gaaatcaaaa	gacaaagctt	ttagtaacag	ttcttccata	aactagctgt	180
gtaatcttag	gcaagtcact	ctgaatccca	ggtacagttt	tctaattctac	aaaaatgact	240
ggaaaaaatt	atttctaaga	ccctctccac	cttaagttat	tccactagt	caaaatttaa	300
aaataaagac	tcttatgggt	tggatgtttg	tcccctccaa	atctcatgtt	gaaatgtgat	360
tcccaatgtt	ggagggtggg	ctagcgggag	gtgtttgggt	catggaggcg	gattcctcat	420
gaatagcttg	ggccctccac	atggtaaata	atgagtctca	ctgtagttca	tgccaaactg	480
ggtggttaan	agcctgccac	ctcctttttt	tttgggtcng	gtttcccata	tgacttggnt	540
ggtacctttt	acctttcgcc	atgctggaaa	aaagt			575

<210> 6442

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6442

ggattatctg	ttcaacttttc	tagagcatat	ccttcctgag	aaaagaatgg	atgtgtacat	60
tttgagtcct	tctatgtctg	tattctgtct	tcaaagtgtg	ctgcaaat	gactgaattg	120
agtagagttg	cgcacatatt	ttgtaaagat	tatgcactgc	aaaaccctag	ggggtcattt	180

ttattcaaag	tgtttttaaaa	atgcgaacca	aaaccgaaaa	gctctagggg	atgtcattca	240
ctgcatgttg	gtttggattg	aatattactt	tccagaattt	tgaaggcatt	ttctcatttc	300
ttctagcttg	caatgataat	gttaaaaaagc	ctgacgtcac	tgtgatcgtc	ttcttttcct	360
cttctttcaa	tgtgtactgn	tttcttcac	tcccttcacc	cacttccatg	cttctctctc	420
ctttttctcc	acaaacttaa	aaaaagattc	tctttatctc	tagcgttcca	agatttcaca	480
acaaggtaac	ttgggtgtggg	cattttctca	acttttcgca	tggactctgg	tgggactttc	540
aatctggaag	acttataatc	ntnccntctg	ggn			573

<210> 6443

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6443

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gtaggtatac	acagaaagac	tgttttcttt	ataacaaaaa	atactataaa	gaaagagata	180
atggaaataa	ggcctataat	gaagacagaa	tcactaacac	tgtcagaatt	aactgataca	240
gagaagaaaa	gattttttct	tggaaaaggc	attaattttg	cagatcactg	ggatactatg	300
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tttaaaaaca	ctggctgaac	aaaatagtgt	ataaattaat	gtaagaaagg	cactggtagt	480
ggncagntaa	tagatactcg	gttttttttc	tttcaagtgc	cactattaat	gggtaatttt	540
cctttcttgg	ctattaagcn	cctgnaaccn	g			571

<210> 6444

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6444

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agtaactcaa	aggaataatg	tacctccata	tactagactg	gaagtgtaat	gacacattaa	120
agtgtcacc	tatggttcac	gtaacctaaa	tccattttcca	ttatgacagg	accactatt	180
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aatgatattt	ctaattcatt	agtttagaggc	ctggaatcaa	ggtgccctta	gcaatatatt	420
tttgagagc	aaagaatact	attcccttgg	tttagagatg	aagaactgag	gcttttgagt	480
ggggtanggt	tnctaagaag	ccacagctgn	ttaatgnnca	gcacatagaa	tggctggcta	540
caggccagac	ttntttttca	naag				564

<210> 6445

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6445

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actacaggcg	cccaccacca	cgcttgccca	atTTTTTgta	TTTTTTtagt	agagatgggg	180
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gaaagtcttc	ccagataata	tcctgaaatg	ngTTTTTcaa	tttgggtcca	ttcttccctg	480
gcacttttca	gggaccctaa	tcaatcgnag	gtttggnctt	ttacatagn	cccatanttt	540
ttggagggtt	tngtcaattc	ntttcaaact	ttgg			574

<210> 6446

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6446

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cataacatgc	aacaaaaatg	atTTTtgcctt	ttggacatat	ttaacagata	aacttgacat	120
tacaagtaac	agcaacacat	tcccattcta	ctgaagaaaa	caaatgcgat	ttacttttca	180
ggttagaaaa	cgtatcttct	tactgcaatc	tcaagtagca	tttagaaagt	ttagttttcc	240
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gaccaggagt	aaacggcctt	ggtcttttaa	gtggggggang	gaacatgcag	cggcacacgg	480
ggcangtgcc	tgacttttgg	aagcccgatg	gccacacacg	gnttgnggna	atagtgggtg	540
cacggaantt	na					552

<210> 6447

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6447

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atcctcctgt	cttggcctcc	caaaatgcta	tgattatggc	tgtgagacac	tgaccccggc	120
aagggaagt	actttattat	tattttttcc	agtgggaggg	tttggtcagg	caggggagcgg	180
ctgagaaagt	atTTTtaaagc	aatgtttgtt	cttagttgac	ttcagtgtca	acaaaaatct	240
aaaaaaaaa	aaaggaaaaa	aaagtTTTga	cttaactggg	gcaaaatgag	taacactagc	300
caaaaagtca	ggatgcataa	catctgtata	tcatgtgacc	ctggcaagtc	ccagctcctc	360
aaagccaaat	TTTTTtcatc	tttctcataa	ggtagaaata	gtttggcaaa	cgcttactga	420
actaccagga	agagctccag	gatagangga	gctttggcat	atcactagat	gctnaaattc	480
ggactgggtg	ctnaaatttg	nggccaactt	TTTTTctttc	ctTTTTTTTT	TTTTTTTTtg	540
naacaaanc	cctnttt					557

<210> 6448

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6448

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gccaatgtgt	ttctgaatat	gcacatgtat	atgatattctt	taacaatgta	taaaataaat	180
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aactctatgg	agttgtctat	attcctggct	tcaaattcac	cagctgtaat	tgagaacttt	300
ggattaattg	atctctaaat	ctattcctgt	ttgaagagcc	catgatgta	gtgcatgcgt	360
ggattatgtg	gtttcatctg	aataattgaa	taaaagactt	aaaagttgag	agtataaaaag	420
gcattttatc	cttaattcat	gtagcatttt	ttaagttctg	agagagcaat	tccctctttt	480
aaatcccaac	tgntgntcct	ttnccanttg	aatggggggg	ggnaatgggn	caaaccttta	540
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<210> 6449

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6449

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cagacctctg	ctctgggatt	gggtccaacc	ctgtcctttg	cagccatgtg	gogatcctca	180
gcattggagct	ccttgccact	gtcccccaaa	ggggctcagt	cgtccatctt	cacgaagact	240
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gcacgggtggc	tctgggctct	cagttagtct	gccccagcag	gcagcagtag	cagctcacgc	360
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gcattggcct	gtggcctggg	ggcatggcaa	gttccggctg	gctcttggtg	cgggcttngg	480
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<210> 6450

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6450

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tattgtccag	tggggcgaat	ggtggctgga	actaaagaat	tgctgtctgg	tttctatcca	180
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cggcatgaag	gctcagagcc	atgctaggaa	ggattaactc	gtaggctgac	cactaacatc	300
ctttgtggta	cgaggagaaa	acattcccaa	gtatcatttt	attcacactt	aattttctat	360
cccatacccc	caaaataagg	ctagctatct	aattagttgg	ctgcttttct	cttaattttt	420
agtgtttctg	ttgataatgt	gtaaaagttg	ggaaaatgct	aagtagcttt	tcacttagaa	480
cactgggtatt	ttctctttta	aggtttctan	cctacattaa	tattgcntaa	gtaatcttat	540
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<210> 6451
<211> 536
<212> DNA
<213> Homo sapiens

<400> 6451
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ntngcctnag cctcccgagt agctgggact acaggcgccc gccaccacgc ctggctaatt 180
gtaagccttc tttttaaaca acacactaga cacctccttg tttgaccac tataagcttc 240
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agctactntc cacaacanat ggtgatgtct cattttctcg ngcttagact actaaccaaa 360
aaaaaagtcc taggaagctg gcttttagctt ccatttcacc ttcctctatg ggtatgcctt 420
tgngaacagt ttgttcaacc tcatccaaga catgagcatg gcccaatgna aaattntggc 480
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<210> 6452
<211> 565
<212> DNA
<213> Homo sapiens

<400> 6452
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ctccgaagac tagaaacaga ttcccttaaa gctctctgng cctttatata tcctgaaaaa 180
tcttagngta tagcttggga taggtatacc ccagtttttg aaactactgt agaataaatg 240
gttttctaaa atttataatg gatttaactc atgttaattt taaatgtcta tatagttcac 300
ttactagtat ttctcccat aagaaaaaca ccaaccacac caatataaaa tgtgagaaaag 360
aatctgatat gctgctttta aaaaatcttc ataaatattc cataattttc catttttgta 420
aattataatc ttttcaacag acttattacc cagtaaccaa actttttact aggatcccca 480
aaagngcccc caattttcct aaggattaat catttcccat tggatgacc tgaagggtng 540
ggtcccttna aaggcttttn tggaa 565

<210> 6453
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6453
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gtacctggga ctataagcgc gcgccaccat gcccggttaa tttttgtatt tttagtagtg 180
acaggtttca ccatgttggc caggctggtc ttgaactcct ggctcaggt gatccgcca 240
cctnggcctc ccaaagtgtc gggattacag gcatgggcca ccacgcccc ccaataattc 300
aatcataaaa ttctgggttc ttcaatgttc cccacatat aaacatcaaa atgttagtgg 360
gtaatatatt aatgccttag tagaaagcat gaagggaaga agtgcacct gcctcccatg 420
tgctgggttg antgctctct tgcagtang ntaaggccac gacacttaag gcttttaagg 480
acaaacaagg anaaggaaga aggaagaatg ggaagtttgt aagttaatgg ggattggagt 540

09629469.072800

ttaanttggg atgacaaaaa aatttttgaa aanantgngg g 581

<210> 6454

<211> 531

<212> DNA

<213> Homo sapiens

<400> 6454

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aacgtggctg	ggaacatcaa	caccttggca	tgcatgaatg	ttaagtcagg	aaggccagcg	180
atcaccttga	tagcttcttc	acttaggtgc	tcttctcttt	tcggtttcct	actggtagat	240
gtgcttgtct	tctctactgt	agacatgagt	cttgcaaatg	catcactcac	tttgaggctt	300
gaggtggana	tttccagctt	anaagttgtt	aactcataca	actccggatc	cacacctggg	360
attgaggtgc	tgctgctaga	gctactgtca	tccacgggcc	caaagaaatc	aagggttcaga	420
agagtggaac	ctccctacca	tctaaagggn	tagtannggc	ctgntactc	antcaactgg	480
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<210> 6455

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6455

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
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<210> 6456

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6456

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ctgacataca	taggcattca	accaatat	gatctccaaa	gcatgaccat	tcatgcatcc	180
ataatccttt	ttctatagta	taaagatggc	tgacattcag	gccccatgt	atatitttaag	240
gaatatataa	ttcccaataa	gctcttcttt	ttaaaggtga	ttaacagttc	tagtgttcaa	300
tttcaaaatc	aaaatgacat	catatcaggt	gtcattaaaa	gacgaatgcc	aaaccatatt	360
tgcctacaca	ccactgcctt	ttccctttct	ttcattttct	ctgccatatg	aaagccatgg	420

gttttttttg	agtttttcacc	atctcttaaga	gccctgaaca	atttttaatc	ctataaggct	480
ttttacttca	gttctgncac	ctattaaaag	cctgggtgtc	nagactgaag	atatcnctaa	540
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<210> 6457
 <211> 546
 <212> DNA
 <213> Homo sapiens

<400> 6457	
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tggaactaca	ggtgcccgcc
ggnttcaccg	ngttagccag
gcctcccaaa	gtgctgggat
ttattaacca	accaggntaa
nttgtcacc	aggctggagt
tggggctcaa	agcgattctt
ttgncaacca	naaccccaan
ngncat	

<210> 6458
 <211> 573
 <212> DNA
 <213> Homo sapiens

<400> 6458	
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gcaacctcca	cctcccagg
ttacacgcac	acgccaccac
accatgttag	tcaggctgg
cctaataaaa	tttatcttaa
aaattaattt	ttgtgctcta
ttactccgta	tctctttaga
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aggtcttacg	ggtccontgan
gatttccgtg	gtaacctaag

<210> 6459
 <211> 544
 <212> DNA
 <213> Homo sapiens

<400> 6459	
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ttcattcaca	tacagagccc
gcagggcctt	agggtgaga
tttccttttc	tgaggacaaa

09629469.0.2300

gtcttcaata	aagaagggtg	ttacatcctg	gccaggcctt	caggcaggca	gaatggagcc	300
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gagggcacct	ccttcaccc	ncaccacccc	ccattccgat	cacagttaat	catctcctct	420
gattctcaca	acttcttcaa	actctttggt	gcttcagaga	aagccaggaa	cacngggcaa	480
ttcttaatgg	ttgngnaaag	taagccctgg	ctgttncnta	cagtttttnc	cggcttaant	540
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<210> 6460

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6460

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gggagtgttc	ctgtctcatg	gactctgcaa	atcacaatgc	ttggcatggc	ctcccgaccc	180
tgatggcaga	gaagcaaaca	ccagtcggag	agctggggtc	ctccagccc	tcttggccct	240
gtggccaatt	ttttctccaa	tagcctcata	aatcacatt	atttgagtgt	ccatggctcc	300
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cacctctccc	ctggagacag	ccccatactc	cactcagacc	tgtgcacttc	ctggtatcct	420
tgncacctgc	tttttatggc	tcattttacaa	acccaaattg	ganggacagc	aggagctgcc	480
cataataccn	gtaaagttag	aaccnagnta	actagnctaa	cagccgatta	tgtngggcaa	540
nccact						546

<210> 6461

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6461

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ggcaagtac	aaagctctga	gcccggccct	cttggggcca	cagtggtagg	gatgggggaa	120
ggggatggac	cccatggctg	gggtagtacc	atgactggag	gcgggggagg	caaccagagg	180
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aaggaccttc	cagtcctact	tgtcctgcat	cttctcaagg	ataggcacia	tcatgtcaaa	300
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ggaaatacct	ggtgggatgg	taggcogaag	gccttccaat	gccaccttca	ttccaatctc	420
catattggaa	gaggtcagca	aagggtacct	tccgtgtacc	aatttccaca	gaagcncttg	480
aaaacttcac	atgtctnctt	gaacctttgt	tngggtnnta	agcttttttg	gcaaacttng	540
ggggcttccc	angcagntcc	ttaattc				567

<210> 6462

<211> 538

<212> DNA

<213> Homo sapiens

<400> 6462

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attacaggca	tgaccacca	catccggcca	atcttgtatt	ttcagtaggg	acagaatttc	180
tccatgttgg	tcaggctggg	ctcgagctcc	tgacctcaag	tgatctgcct	gcctcagcct	240
cctgaagtgt	tgagattaca	ggcgtgagcc	accgtgccca	gcctaagctg	gcatgtttta	300
aggcagttac	atctctaact	tgatttacca	gctatgcttg	agggtccaag	gagccaaaat	360
tgagccaaa	ctgatcttaa	aggaccaggg	aatagaatgg	tcaancatgt	ttccaaagtt	420
taacctaagc	ctggcacatc	cttgccnatt	gctcaaaatg	caatnaaggg	caactaaatg	480
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<210> 6463

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6463

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ccaagtagct	gggactacag	gcacctgcca	ccacaccagg	ctaattttgt	ttttgtattt	180
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acgaaaacaa	gggaaacaac	caccatgtcc	aacatgaaag	gagtacctta	gttaatatga	360
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tgtgatataa	aattaaataa	aatgtgaaag	acaaaattat	gtgtaaacta	caattgcact	480
atctttacaa	ggnaccccat	gaggattaag	acnccgaaga	tccatgcaaa	aaaaaaaanta	540
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<210> 6464

<211> 581

<212> DNA

<213> Homo sapiens

<400> 6464

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agagaagaaa	aggcagtgtg	accacagaag	cagaaactgg	agcggtagga	agagaaaaag	180
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tcctccacgg	aagcagggtg	gagtaaaggc	gaattagcct	ttgaaagtcc	cttgcaaagc	420
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aatgtacaga	gacaggctac	ttgcttttgc	cacaagttcc	aggnttnact	tgganccttt	540
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<210> 6465

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6465

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ctaatttttt	tatttttttg	tagagacggg	gtttcaccat	gttggccagg	ctggtctcga	180
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cctggtttag	tggataagca	cctgtaactc	caggaagatt	caggattaag	ggcagaaata	360
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tgatgtattc	acgacggtta	aaataattta	acatgcttaa	tgatggatt	aacttgggca	480
attncatttt	naaaatataa	atggaataac	gnatctgant	ctaaggtaga	catgtgttac	540
cagaatttca	accnctttt					559

<210> 6466

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6466

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ataaggactc	atgtaaagca	gtcatacncc	attatcatta	aaaccatata	ggnaaaatac	180
atacacagtc	caacaaaagg	ctaatacata	gtaaagccta	agcatactac	tatgtaatat	240
tataatacat	aacttggaga	cttttagttg	agtactatgt	tatctattca	gttttgaaaa	300
cattcattaa	gatttttaaat	gcaaattcat	tccttatttg	gaataaaaaca	aagtcctcta	360
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agaattctgn	gatgtccagt	agaagtatgt	aataaaaaca	ttgcatatgg	ttctaggggg	480
gagggcttta	gcaattgggt	actggagtna	aatgcaacnt	taatctttnn	aaatccagaa	540
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<210> 6467

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6467

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taacaatata	acaatgaagc	tgtctgtact	ttcattttaac	aacacactta	aggcaaatgt	180
tgaattaata	taaaaataat	atgtggtaaa	ctgatacttg	acatgataca	ataaaaattaa	240
ttttcacgtt	gaagacctag	ttatgacaac	atctctacat	gccttctaaa	tacctaat	300
ctcagttgtg	cagagcatag	ctcactatgg	cctaataaga	tgtcaatcag	aatatccaga	360
atatttctta	atatagagca	atacatttcc	cctaccacat	caggcaaaat	aatttaatat	420
atttattttc	acaaaaggct	catctaaact	caaactatag	gggttttttaa	aattctagga	480
ctaattctga	tcttaaagat	gctatcattg	gtantctaaa	attcatgcng	gtcttaaaaag	540
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<210> 6468

<211> 576

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<212> DNA

<213> Homo sapiens

<400> 6468

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agagacgtgt	gctagcacac	ctggcttata	ttttattttg	tgtagagaca	gggtcttgct	180
atgtggccca	gggtaatctc	aaactccttg	gttcaagtga	tcctcttgcc	tcagcctccc	240
aaagtgtctg	aattacaggc	aaagtctctc	gaattatagg	agggttggtg	ggcctttcac	300
cacgtaggca	gccccaaagt	ctgcctcgtg	gacactatc	ttgggatgta	tggttggtatt	360
tcctggatga	aaggagagag	ataagagtat	acaaaaatct	ttcttaaaat	aaaattaatc	420
tgatgtaaa	caaacatgaa	tgagtttcaa	aacgtgaatg	cccaaagtta	ttcataggta	480
atttagactt	aacagggtgg	tttctatcaa	ggggnntttac	catcctaaaa	ttataagttt	540
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<210> 6469

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6469

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ttcatatttc	actaggaaga	ttataaaactt	atctgaaatg	gcagaaattc	attttgcttt	180
caattttctca	ttctgctgta	tactgccgaa	aaggggtaca	taatgagaag	tgagagcagc	240
agcctggcct	gctgccagc	tggaagcagg	aagttcacct	gataaggact	tgatgcttca	300
aattctaaaa	actggaaagg	gagctagaag	tgggggaagg	aagatctgga	aacatgcccc	360
ggggtagtaa	tgaagaaagt	gaattcagcc	tgagggtggg	accttctgcc	cagcctctgt	420
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<211> 497

<212> DNA

<213> Homo sapiens

<400> 6470

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gactttctgt	gatttccaag	ggngcccaa	gacattaaac	gccatggtcc	ttgggaagga	300
ctgatgatgt	ttctgctcat	tgntgatcag	ggtcaaacct	tttactaac	cgggactgct	360
ctttccaaga	agtcagaggt	cagaaagctg	gtaaccgtcg	tacaaagacc	cgtnttgaca	420
gcatgtgtag	anctgnttct	tccatggggn	taccttggca	canggtcaca	agcagncccc	480
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<210> 6471
<211> 510
<212> DNA
<213> Homo sapiens

<400> 6471
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cancaagtgc ctgctgggct tgatcagggg atgagctccc tctgggtggc tggagtggcc 420
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tanccatggg gactttgggg acctttntgg 510

<210> 6472
<211> 580
<212> DNA
<213> Homo sapiens

<400> 6472
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gaccctgtcc ctgcatcttc agtcgtctct actgccacat gccctgtcca caccaggatg 180
acccctcccc accccagccc tatgactctg gaaagctctt cagcacacat aacaggatcc 240
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aagggggaagt gtggagggtgc caggaactat gaacaatgag caaaacatgt cttgccacca 480
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<210> 6473
<211> 604
<212> DNA
<213> Homo sapiens

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aacaacagtt tttttcaacc ctttcccctt ctttcccct cccagtagtc cccagtgtct 180
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caacacattc tatcagtaaa atttataata aacgtatgca cacacaaaca cacacccctg 420
ttccacccca caccctctt cacaagttgg ttgttaaaca tttcctagca cactaccaat 480
tccctacatt tgccactatt attggtatta tcattaataa ataaactgna taatgggtta 540

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<210> 6474
<211> 600
<212> DNA
<213> Homo sapiens

<400> 6474
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caattaaaga atgacagaga tgatttgtga actcangctg gcttgaccct aaaccctggg 540
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<210> 6475
<211> 577
<212> DNA
<213> Homo sapiens

<400> 6475
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aaccctccaa caggccctgg tgtgagttag tcctctctct gtgttcatgc attctcaatg 180
ttcaactccc acttatgagt gagaacatgt ggggtttgggt tttctcttcc tatgtaagtg 240
tgctgagggt gatggcttcc agcttcatcc atgtccctgc aaaagacatg atctcattcc 300
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ttatacttta agttctggga tacaagtgca gaatgtgcag gtttgttaca taggtatata 420
tgtgccatgg tggtttgctg caccattac cacattttct ttatccagng tatcattgat 480
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<210> 6476
<211> 572
<212> DNA
<213> Homo sapiens

<400> 6476
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actaaaaaaa gagaatcaaa tgaagaaatg ctggaaaatt ggaatcactt ccaaattgct 180
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tgggttaaag	aatgaattgt	caccttttaa	gaaccaggaa	taaaggtaaa	tggttcacttt	360
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acacaaattg	ggggaaataa	acattggcat	ggaaatgccn	caaaataaaa	tacctatgga	480
atgtaaaatc	acctntggtc	cctgaatatt	gancccaagn	ttttggggaa	agntnaattc	540
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<210> 6477

<211> 598

<212> DNA

<213> Homo sapiens

<400> 6477

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gaatttaatt	ttttaaaagt	ttcagtaact	accttcagtt	accttcagtt	aactacctac	180
ctactcatac	ttttcaacaa	actgggaaaa	aagtcttctc	taaaatcagc	atctacttgg	240
cagatgtatg	tcattcattgt	gtctctcatt	gtttcatcct	taaaaatgtg	taataactttt	300
aattgcagag	gtaataaaaag	atattttatt	gaaaaaaata	aagtgattat	ctacttcttt	360
cctgaggcac	acagactttc	agattttatt	tatgcacgaa	agcattttaa	aatgaggtaa	420
tatatatact	ctttcaccta	ctttcacggc	gtttactttt	ctatgtcaaa	acatacaaaag	480
ttagatcatt	accttgnatg	tattgctatt	taaagtatct	tcatttgtag	ataaaataccc	540
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<210> 6478

<211> 354

<212> DNA

<213> Homo sapiens

<400> 6478

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tacaggcacg	cgccaccacg	cccagctaatt	ttttgtattt	ttagtagaga	tgggggtttca	180
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aaaatgttgg	gattacaggc	atgagccacc	gcncctggcc	cactagctct	agnttttatn	300
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<210> 6479

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6479

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tcgcaggcat	gcaccaccac	acccggctaa	ttttgtattt	tcagtagaga	cggagtttct	180
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ccaaagtgcc	gggattacag	gcatgagcca	ctgtgcctgg	ccagggtgaac	tattaaataa	300
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tttcatataa	gaaaacaaaa	aattttaacac	aatagaaata	tagtcaaacg	atagaattcc	420
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aaatgtttaa	aacttcatat	aggccangtt	tggcagctca	tacttagaat	ctcagaactt	540
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<210> 6480

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6480

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acagcgccga	gcagagagcc	cacctggatg	gccacgccgg	ctgccagcaa	tgccggccgg	180
ccccgccat	gcagcaggga	gctggctgcc	accttcacgt	aggagaacac	gccaagacac	240
agcaccacg	acagcaccac	gaggacgacc	cccgcggagg	tgcccaccag	gggcggggcag	300
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aaaagttttg	accggangca	agnacgccat	tgggcaaacg	ccttggtggc	gggcaacagg	540
nccaacangc	angcacttgn	ggcttgatan	aacttgatag	gcctta		586

<210> 6481

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6481

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tagctgggac	tacaggcatg	tgccaccacg	ctcagctaata	ttttgtattt	tttagtagag	180
acaaggtttc	accatgttgg	ccaggatgtt	ctcgatttct	tgacttcatg	atctgcctgc	240
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ccaggataat	gctggcttac	aaaacgaagt	tgggaaatgt	gnctctcttt	tggtttttga	540
aaagactttc	ngaatgaggc	attttttcnc	aatgnttgcn	naaaatnt		588

<210> 6482

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6482

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gcattacaac	tattttgaaa	tactttctatc	ccctactcct	ccctccttaa	taaccgaggg	120
gtgccgctgc	gtccaggagag	gtcaagttct	tgcccaggat	cacacagccg	ggaacacaca	180

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aaataacgtt	ttaactttat	tcagcagggt	tgctcatctc	ccaccccaat	cgtgactccc	300
cagaccgggt	ctccacaggg	accaagaggc	ctctccctnc	cccttcgcog	cgggagcagg	360
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agaaggaagg	gcttacgcaa	aggcnccccag	cgcgccagaa	ganggggtgtc	ttttccgtgc	480
ccgggccaag	cccggggcca	gtccgggaccg	tgggcgggna	cacttggact	ngngcng	537

<210> 6483

<211> 591

<212> DNA

<213> Homo sapiens

<400> 6483

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cattttaaaa	catattaaat	gtgcattatt	tggaaaaaag	tatatgcaaa	tgaacctgga	420
aatatcaata	tacaaaccaa	tttttcaatt	ctcagtcctc	ggaggggaga	tctcatgnat	480
ttgacatttg	aaaaccattt	tttttagcaac	tatgatagng	ggttctaaac	ttggccttaa	540
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<210> 6484

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6484

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acaatatgat	actgatgagg	agtcattata	ttctgagtag	ttttcctgaa	gaccacaagt	180
ctcaagtcaa	ggaaagtatc	cttaatctag	gggaaaaaaaa	ggaagtttct	aaattgttcc	240
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<210> 6485

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6485

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caacataact	ccaatcatat	ctatcacact	gatgggagga	aaaatgacaa	ctacccaaag	480
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<210> 6486

<211> 562

<212> DNA

<213> Homo sapiens

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<210> 6487

<211> 618

<212> DNA

<213> Homo sapiens

<400> 6487

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aatattttaa	aagcaatata	caggatttaa	gttggccatg	ctttcttttg	aacctggggt	600
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<210> 6488

<211> 617

<212> DNA

<213> Homo sapiens

<400> 6488

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catgcagaga	ccacgtgttg	ttgatagaag	attgtaccaa	aggaataatt	catagaacaa	180
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gggttaaaaa	aaaaaaccac	tnaccaaacc	caaccagaag	gaaataagaa	aggaaattgg	600
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<210> 6489

<211> 617

<212> DNA

<213> Homo sapiens

<400> 6489

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<210> 6490

<211> 612

<212> DNA

<213> Homo sapiens

<400> 6490

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ccacgattat	aggcatcagt	gaccaaaatt	taacctggaa	aaggcattca	tggatcagtt	420
catgctcctg	ggcagaattc	aatattgaac	atgattccta	gctattgatt	tggatatctgt	480
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09629469.072300

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<210> 6491
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<212> DNA
<213> Homo sapiens

<400> 6491
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ccctggcagc ttancaaatt ccattgnotg ngctgtgtcc agtgcccttg atttgangct 540
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aaagcctg 608

<210> 6492
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6492
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ctggccagag gaaggagatg tgagcccaa attagcattt tgactangcg ccccatgact 480
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aannccgttg ggg 553

<210> 6493
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6493
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atgaagggtt gtatgaggcc ccatcctggg gaggctgtac accttcttgg cacagcagca 180
gtgtggccca cggagcttga acctggtgaa gacagcaagt aagccacagc tcaagagttc 240

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cacacatcat	attcacacac	tcaagccatg	ctcttgattt	cagggctcta	ttgcangctc	480
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<210> 6494

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6494

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<210> 6495

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6495

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ttcacaactc	ggagtccctt	gcttccaaac	acagccacca	tggcctcaag	tcaaggtctc	480
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<210> 6496

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6496

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<210> 6497

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6497

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tcacagaagc	tttatttgtc	agcactttga	gcctttcctc	taatttggga	gctttinggac	540
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<210> 6498

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6498

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nggtccaaaa	atgtcttaat	aacccacnt	tttaaaaacc	tggaaggaca	ttgttccaaa	540
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<210> 6499

<211> 555

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 6499

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aaataaatta	ccaataaatt	agggtattgct	ttatattact	gattaattca	tccatagata	360
ttattagatt	ttaatcctag	tctctcctac	gagatagtta	agattctttc	acagctccag	420
tccatctccc	atgcaaatta	aattaacaaa	tgcatacagt	atatacatct	gttcacttga	480
aatcttttgg	aggccaagta	gtcaacaaan	ggaaggcata	ttacatagtt	tgactatgca	540
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<210> 6500

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6500

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<210> 6501

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6501

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<211> 412
<212> DNA
<213> Homo sapiens

<400> 6502
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taactaattt ttggccttct tgattttata tcaatatatt catggctttt aactgctccc 180
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cttttttttg cattgtgggc agagaatatt tgtataaatg attatgatta tttggatttc 360
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<211> 562
<212> DNA
<213> Homo sapiens

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<211> 552
<212> DNA
<213> Homo sapiens

<400> 6504
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<210> 6505

009270" 69462960

<211> 558
<212> DNA
<213> Homo sapiens

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<212> DNA
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<400> 6506
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<210> 6507
<211> 562
<212> DNA
<213> Homo sapiens

<400> 6507
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562

<210> 6508

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6508

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<210> 6509

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6509

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<210> 6510

<211> 496

<212> DNA

<213> Homo sapiens

<400> 6510

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cccaggagaa	tgagggtgcc	ctggctgggc	tgccctcact	ccaaccgcga	gacctgcgga	180
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<210> 6511

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6511

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tcttttccctg	acctaattaa	tcctttaaga	tattaggtcc	cctaaagtcc	aaaaatgaca	180
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ttattgngtg	ccacagaggt	acacatttgt	caattgggtc	ttggattatg	gctgncctaa	420
aattttggca	tccatggaca	atgggtggctt	ggttgggcct	tttanggggt	ctatatcact	480
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gg						542

<210> 6512

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6512

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tacaggcatg	taccaccatg	cctggctaata	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
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gctcatttcc	agatggaact	atgttaattt	ggcatgtcaa	caaacaagac	cataagtaga	420
tccatcatgt	tggaggattt	taatgacatt	taggatattc	ttgccacaat	aacatgcann	480
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<210> 6513

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6513

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gtctggcttt	tccttccctc	aagattgtct	ggttgaggcc	ttggtttccc	ttgaaggctt	180
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cttggcgggg	tgggcggggg	gtgtgctggg	gactgggagg	cgggtgaagc	cggtgctaga	360
cactataatc	taacaggaaa	taaaaaataa	tattctgcac	gtcagaatgt	ttttttttta	420
taattcatag	ctatttttca	cagtttttaa	aagttatata	tatattnaaa	tatattaacc	480
ttatataatnt	aattaaagg	tgactccntt	aaagntatg	atcagggccg	ggccagtnnt	540
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<210> 6514

<211> 500

<212> DNA

<213> Homo sapiens

<400> 6514

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tgagttgccg	gcctcagctg	ggggcctggg	ggaggccctt	cttcagcaga	gatgtgagga	300
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cctcanaagg	ggcggcggcc	tgganganga	cggacttcac	agtcacagaa	cogtctggga	420
ngtgcttgca	cacaatgggc	ctttaggacg	ctcttgangn	ggcttgtana	accncaatg	480
gccgnttctg	nttccttgcg					500

<210> 6515

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6515

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aaatatttca	tcttatttta	tggtgcatga	cttcagtga	actccctttg	caatgcaata	480
aatttttaac	accaaccttt	attcttaacg	gttttagcca	ccgnttttgn	gagagaaaac	540
tccttccaac	a					551

<210> 6516

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6516

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acaggcgccc	gccaccacgc	caggctaatt	ttttgtattt	ttagtagaga	cagggttca	180

tcatattagc	caggatggtc	togatctcct	gacattgtga	tctgcccgcc	tggcctccc	240
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agctctgtaa	tgaagtactc	ttggtcaagt	agatacagca	ggatccaaaa	ccagttaaat	360
cactaactgt	gaacatttga	gcaaattatt	taccctctct	cggcctcagc	tttcacatct	420
ataaaatgag	agcacaaatt	attcacagct	tttgaaaagt	tactgntgag	aatattacng	480
tgnatttgtg	aaccagctgc	ttatgccaaa	agcctggcac	aatagtaggn	ccntaaacaa	540
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<210> 6517

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6517

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caccaggctt	gaaggtaaat	ttaatggggg	agtgggtacc	tccatgccat	tcaccttaaa	180
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caaaaaagta	cccaacaagg	ttagaaaaat	acaagcaaag	tcagtataat	aaatacaaga	360
tgtgtccctt	gggattcaac	caacacacat	tgtttcctag	ccaaaggcag	agggtgagcc	420
accacctgga	tgcttcgtct	gnttactcag	accctgctgn	ttctttcacc	ttgtggcttg	480
gatcccttca	tggccaatta	cccaatttgg	gnacttaagg	caanttatgc	nntggatcaa	540
aanccttttt						550

<210> 6518

<211> 523

<212> DNA

<213> Homo sapiens

<400> 6518

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acactttgtc	agacaaatat	ctaaagtgtt	attatgtaac	ttgcagattt	tcaggacgag	180
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ttatgcctct	cttgagtttg	atgatccaat	tttaatttaa	tcatttgagt	atctcttagg	300
gattcttcct	ccacagtggg	ggaaagtggg	ctctactgaa	ttcatttgga	caccgccttt	360
aaggagaaa	aaactttgac	aatagacgct	ttttcaacaa	ctactggcaa	tggtttgaaa	420
ggtgtcattt	ggttcagcta	gataccaagg	ctgaanagtg	ccttctttnc	aatgatccat	480
ggttactggc	gctttttaaac	ncatttcctaa	aacttagaaa	ctt		523

<210> 6519

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6519

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009220" 9462960

ccatattcat	aacaaaagtt	attcataaaa	tgtatctaaa	aataacattt	tttttccttt	120
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tgggacgaat	ctctgggtta	tgatatagtg	ttccacttaa	gtgaggtcat	gacataatgg	360
gggaaggaaa	aaggctgaaa	gaaaaggagg	gggcttaggg	aaaaacccaa	aaaccaaaaca	420
atcccccttc	ccttattcct	gactnccaag	tctnaccaac	cagacctggg	aacgganaaa	480
ggtgtgtgtt	cctggggaag	gggaccttta	ggnacagnan	ttctgactta	ctggntaccc	540
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<210> 6520

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6520

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ttatggggaa	agggaggttc	aatcaacatt	agcaaatact	catgcaattg	atgaaatata	180
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aaacatacat	tttcccaatc	atgcttttaa	acggcatctt	ttaaaaaaac	aagttatata	300
tacagatatc	accccaaaat	gaatctttta	cagtctacta	ctataaattt	aaggcatcct	360
gatattctgt	tcttctgctg	gtgaggcatt	ggtttcatgg	ntctctttcc	aaagangata	420
gtccagaaat	ttncaataat	ttncaaangg	gatcagtgag	aggaaattta	aaaaggggat	480
taccaggaag	aagtcttttg	gcttttgctta	acaatgggcc	ttaagcctgn	aggattcttc	540
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<210> 6521

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6521

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
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<210> 6522

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6522

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agattttcttc	agttagaaac	aaaaactcaa	aacacacgca	atcctaaaga	actcatctat	180
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cttcttgccct	tttcagcaga	tgagtcaagg	ttgcagaggt	ggcagtcaac	catagagtca	300
cagagtttga	ttttcttcca	tccatcaggt	cgtagaagct	gccactgagc	ctgacaagag	360
ttggtagtca	aaaatgcaga	atgaattagt	ttgaatgagg	tgattaagga	ttaatgagta	420
gtggttaagg	aaacaaagac	cattagtggg	tgggggaaat	attgctggat	tactgggtga	480
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<210> 6523

<211> 523

<212> DNA

<213> Homo sapiens

<400> 6523

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aaataccgta	cacaaaaaatt	gaagtaaaat	ctgtaagatg	ccattcagac	tgaattttat	120
attctgaata	agacaaggga	ctgccattca	cttaaagcaa	aatggctcca	attccgttta	180
tctatctatc	tatctatcta	tctatctatc	catctatcta	tctatctatc	tataagtctc	240
gctctgtcac	ccaggctgga	gtatctatct	atttattttat	gagataagtc	tcgctctgtc	300
acccaggctg	gagtgcggtg	gtgcaatctc	ggctcactgc	aacctctgcc	tcccacgctc	360
aagcgatgct	cctgtcccag	cctaccgagg	agctgggatc	acaggcatgc	accatcacac	420
ctggccaatt	tttggatttt	taggagaaaa	nggggttcac	catggtggnc	aagctnggct	480
tgagcttctg	acctaggggg	toncccccact	tnggcttccn	aag		523

<210> 6524

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6524

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gcgctccagc	aaatgaacat	aaaaacaaca	atgtcagcag	cattaaagtg	cttttggcca	180
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gctgcagctt	ctcgttgga	tgtccacaa	actggcgctt	gaaggccctc	tccttggcct	360
tggtggtcca	ggtcagacgc	tcatagacgt	agaggaggcc	atagagccca	aaggagaggg	420
caatgagccc	gncagcccac	tggctttcac	accacttctt	caacaacaag	aatgnccatg	480
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<210> 6525

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6525

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<210> 6526

<211> 470

<212> DNA

<213> Homo sapiens

<400> 6526

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tgcttctgtt	gagtaagtgt	ccttatgctt	tcttttctct	ttgctctgan	cttcctgnag	420
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<210> 6527

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6527

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tatttctaag	aaagagaaat	ttctattttc	atttggccta	atatcttaac	agcaggcagt	180
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<210> 6528

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6528

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aaattctact	aatatatgtg	cataattaaa	tagttaccag	ccatcatttt	ctgatacttt	180
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aatatgataa	ccaatatatt	ttanggtaaa	atattttatt	cttttanggn	ctgctatctg	480
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gcttaanant	ttggtgna					558

<210> 6529

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6529

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tataggcatg	caccaccacg	cctggctaata	tttgtatgt	ttagtagaga	tggggttcta	180
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<210> 6530

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6530

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tgctgtctcc	tgttccctca	gaatcaatcc	ttacccatca	cattgtctta	cattagggcc	180
cacttgactc	atttaaatag	gtagctgcct	ggttcttgag	tctgaaatcc	ctgtcttaaa	240
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agtataaaaac	acctctctaa	tcttttccca	tgtaatgtat	caccatttca	aagttagatc	360
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tcaagagcca	ggctgaagaa	taagactggg	ggctttcaan	ggatgttagg	aaaagaaccc	480
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<210> 6531

<211> 563
<212> DNA
<213> Homo sapiens

<400> 6531
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catgcaatca ctagataaaa aactacctag atttgtgtat ctgactccaa aattgggctg 180
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aagtaggatg ttagtctcaa aatccaagaa gttaaattat taattcaaat tcaatcttat 480
aatttaggaa ttttactgga tagataagan ggcccaggna cagtccaaga angnaagtgg 540
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<210> 6532
<211> 553
<212> DNA
<213> Homo sapiens

<400> 6532
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aagaaggcca tcaccattgg gaagaagtta aaatatatta tataaaatta aactaattta 180
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tgaggcacat aggctagggt gaagtgtgaa gtaatgataa angcatnang caaaattgta 480
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aatatggggc tcn 553

<210> 6533
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6533
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caciaaagan aactgaacct caggtaagct nttaaaanga aaccaacaac tngnggggta 480
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549

<210> 6534

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6534

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gaacattcac	cattcacaaat	agtaatgtgt	aaaaattcct	atttatatcc	aacaacatca	420
aagcaacctt	tgatggttaa	gnccaagtcc	atccnttata	gtccatttta	accttantag	480
gaaggatcca	tnggaaaaga	cccccttngg	anaattttgg	ccatttcntt	aaggctagca	540
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<210> 6535

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6535

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<210> 6536

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6536

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ttaacttttt	gagtcagtcg	caacagactg	gcaatataac	taacacaata	cataacgata	180
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aatgtaaaaa	tatttttctt	ctttatatat	ttccctgcc	tgataatgtt	aaaacatatc	300
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cttcacatag	ccaacacatt	ttttcaaggc	actctagcta	ctacaggaaa	aatgtcctct	420
tgcctactgg	attatittcc	cttcaactta	tctaaattta	acactgggat	tactgggttt	480
tttaaattaa	gttttcatgg	naccagtctt	caagtaattt	tctttatgng	gagccctcct	540
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<210> 6537

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6537

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ccatcaagag	caaggatcat	gaagactagc	atcagctact	tagtggccag	cagcctcagc	300
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gagcagaaat	acacagacaa	gtagaataaa	agcagaatat	cctgctaagt	ggctaatagaa	420
cattggccac	aggtggacac	catctcaaag	actnttccaa	gagagcaagc	ttncanatgt	480
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<210> 6538

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6538

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gactttcggt	gtcgaatggg	aaaactggct	agccatatgc	agaaaactga	aactggaccc	240
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caaagactgc	atgagtaaaa	gcaatgcgaa	caaaagccaa	aattgacaaa	tagggcctaa	420
ttaaactaaa	gagcttttgc	cagcanaaga	aacttttcnt	cagaggggaa	caggccacct	480
acaggaatgg	ggagaaaatt	tttgcattta	tncattttga	caaanggggt	aatatcccag	540
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<210> 6539

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6539

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attatacagg	catacgccac	cacgcccagc	taattttgca	tttttactag	agacgggggt	180
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aaagtgcctgg	gattaccggc	atgagccacc	acgcctggcc	gaccctcatt	tttaataaac	300
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atattataac	agaaggaaga	agcaaaaata	aaaatccagc	cctactcttc	atgcncagat	420
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<210> 6540

<211> 515

<212> DNA

<213> Homo sapiens

<400> 6540

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acctgcaaaa	ctgtttatag	atattatttg	aggcctagtt	tgttagtttt	ctacactgtg	180
taacaatatt	accacaaatc	tgggtgtgta	agaacaagac	acatttatta	tctcacaggt	240
tctgtgggtc	aggagtccaa	gcacagatta	gctggcttct	ttctgtttcc	tgggtctcaa	300
agactgcaat	caaggtgtta	gccagagcta	aggtctcaac	tagggctcca	ctgaaccagg	360
attcacttcc	aaaataacaa	ggttgttggc	aatcttcagt	tcctggcaca	ctactagaac	420
anggatctgg	ttctgctgac	tactggctnn	aaggccccct	taagttcttg	cctganggcc	480
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<210> 6541

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6541

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tcatatttcc	ttgcttcttt	gcatacctga	tcattcttaa	cagctttatt	gatgtataac	180
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cacatgtaac	tgtcaatata	cttttagaat	ataccaaca	ctcccaaagg	tttcttgatg	300
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tatcttaaan	ggatcctggc	ttgtctaaca	cacaataaat	atttinaatca	attgancttt	480
catggttgct	ttcaattttg	tagaagaagt	ccaaggcnga	ctagcctcag	actaattggg	540
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<210> 6542

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6542

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00922.0" 69462960

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tctcaaagtg	ttgggattac	aggcgtgagc	cactgtgccc	ggcccgggtt	ccttttgaag	300
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atcattactg	ttcgaggcca	gaacagagac	gactagctct	ctgtgtgcct	ttcccaagtc	420
tcaccgtgat	ggactggcct	tctctgngct	ggtttcctaa	tttcaaccat	aancottgta	480
ccanaaaaaac	aattttcnaa	agcctatcct	aaggtaatct	gaactcaaca	ctgggttaact	540
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<210> 6543

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6543

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ctacagggtg	gtgccaccat	gcccagctaa	tttttgtatt	ttcagtagag	acagggtttc	180
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atattcataa	ggttgtgcaa	ccatcaccat	tctctaattc	cagaacattg	nattcaagcc	420
ccaaaagaaa	ccctgtccaa	taaccattca	cttctgnntt	tccttccctt	agcccctggc	480
aatcactaac	ctacttttta	attctggata	ttcatataaa	tggaatcatn	catatggcac	540
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<210> 6544

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6544

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ttaccggcat	gcaccaccac	acctgcctgg	ctaatttttg	tatttttagt	agagatgggg	180
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gccttccaaa	gtgttgggat	tacagggtgtg	agccaccaca	cctggcctat	tcttgcaatt	300
ctggaagatt	tagggggctg	gcaggagaca	agactgagat	tgtttagggc	atcctgttgc	360
tgacacaatc	ctggcactta	agcgggaatg	cagtggccta	agtgtagggc	aacatatctc	420
tcataccatt	tacaaaaaca	aaacanaaaa	cacttctggg	gtgaatgtct	gggcattctt	480
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<210> 6545

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6545

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ttttgggatg	ctgaaaaact	ttactctggc	taacatctaa	gccttctctc	aaggagtgac	480
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<210> 6546

<211> 427

<212> DNA

<213> Homo sapiens

<400> 6546

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anatgggggt	ttgggggttt	gccacgttgg	ccaggctgct	aatangtatg	gattttgggg	240
gcaggatgat	ggaaatgttc	taaaattata	nagtgggtgg	tgttacacaa	cacagtnant	300
atactagaaa	ccactaaatt	atatgcttta	tgagaagtca	attttatggg	tngtgaattn	360
tatnccaata	aagccatttn	taaaaaaaaa	antcggcngg	gacaattact	aaaagtgagg	420
ngtcttg						427

<210> 6547

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6547

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gcgtttgaca	taaataatca	tttaaattag	gaatataagt	atgcacggtc	acttgagcaa	180
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<210> 6548

<211> 454

<212> DNA

<213> Homo sapiens

09629469.07300

<400> 6548

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ccagcagttt	gggaggccna	ggtggcanat	cacctgnggt	caggagttca	agaccagcct	420
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<210> 6549

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6549

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<210> 6550

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6550

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<210> 6551

<211> 551

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6551

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<210> 6552

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6552

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aaagcaatcc	tgagcaaaaaa	cgacaaagct	ggaggtatca	cactacctga	cttagaaata	420
tattaaaagg	ctatagaaac	ccaaaacagc	atggnattgg	tataaaaact	aacacattga	480
tcaatgggac	caaatngata	atccaaaaat	taatccncat	attacagcca	ctgattttga	540
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<210> 6553

<211> 410

<212> DNA

<213> Homo sapiens

<400> 6553

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aactcaattc	aattatctta	aacaagaaag	ggactttatt	ggctcacaaa	acttttaa	180
ccggaggtag	ggcaggcttt	aggcacagct	ggatctaggg	cctccagaaa	aatgacatca	240
gaacttagtt	ctctttccat	ttctgctagc	atccgagttt	ctcctcagac	agactctctc	300
cacatggcac	aaattcaggc	ttacatggtc	cttggttcct	gggatctcca	taaagccttc	360
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<210> 6554

<211> 543

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6554

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cattatgtag	ccataaaaaa	ttagaatatg	ctttatgctg	tactggagca	aattcgcaag	300
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taaacataac	ccataaatgt	taataaaaaa	taaatgatta	tttgggtaaa	cataaaacaa	420
aacacaaata	caaaacctaa	aaagagggag	actatgtgat	atggntggct	gngcttcac	480
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<210> 6555

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6555

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aatccactg	gcttgaaatt	cttgctgcc	gcacagcagt	ctgaagtcca	cctgggactc	180
ccaagcttgg	tgtggggaga	agcgtccacc	attactgagg	cttgagtagg	tggttttccc	240
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aaagaaaggc	agcagcccca	gtcaggggct	aacagataaa	actcccacct	ctctgggaca	420
gangacctgg	cggaagaagc	cgcttggtgg	tgcaacttta	gcagacgtaa	atggtncctg	480
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canctgcttc						550

<210> 6556

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6556

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ccatatgagc	cacttctcag	ccaccatgtc	ttcaaattca	tcgacattga	acttggtgaa	180
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ttgaagccta	cattggggta	atgcaaggct	agagacatga	acatacatct	gaaaggccta	420
ttatcaaggt	cccttagagc	aacctatnga	ggaaacaggc	ttcatacacc	accaaggaac	480
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ggctgnagag						550

09629469.07300

<210> 6557
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6557
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gtcaagttct gagtcaacaag cgttttctct gaagtcccaa gccatagcca tgggtcatta 480
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<210> 6558
<211> 530
<212> DNA
<213> Homo sapiens

<400> 6558
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tttctaaaaa ctttattttt cactttttat tcatctcagt gtaacttcat tatgtattct 360
tgnatatata aaatcactca tatactaata aattaaagt gaaatcatcc ttacctggct 420
ctgccatgga tgcagggttt ttctgnaaaa tcctaaaatc tgggagaatc ttctattaaa 480
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<210> 6559
<211> 529
<212> DNA
<213> Homo sapiens

<400> 6559
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acaggcacac gccaccaggc caggtttaatt tttgtatttt tggtagagac agtgttttgt 180
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ttaactgata cagcactctt taatagtcta tctacaagtt tatgttaaag tgtgtttctt 420
caacaatgaa actgatttta ttttggctca agtcaaaaaca ctnaaataaa ttcttcatca 480
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<210> 6560
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6560
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agaagaaatt aagtcttctt tcaaccccat aagacaggat tgaaaaaaaa attagttttc 420
ttcaaaaagg attattaaat ttattttctca aaggttatta ttaaatttgg tcctcaaact 480
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gtannnccaa 550

<210> 6561
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6561
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ccagtttggt ttttaattta gaatttgccg tggaccaaca ggcagtcgta ttctccacaa 180
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ctaaagcatc accaccatct gtccatttcc cacactagga gatacctctg tattacgcag 360
tcccatggca gaagcttctg gaggaggaaa cagatttccc ttgcccttc agttgaagaa 420
tgaacatcag gaccagagct ttgacttgcc aatgactagg gtggcctggt ctaatggaaa 480
ctgagagcct ttatttctcg gctctgnttg cnaagctttg tcaaacccaa natgctntgc 540
aggtnggac 549

<210> 6562
<211> 526
<212> DNA
<213> Homo sapiens

<400> 6562
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cgctgatttg ggaaacaaac tggactcaac atttttcacc ttccaattct ctagaggttc 120
tggttgacc ttctttcctt tggagcaatc ttctgtgtg gggaggaaga aactggcaaa 180
accaccaag cttagttaac ttcccaagta accactaggc tcaaagaaat ttcacctgtc 240
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gatacccaac aaggaggcta ccaatgagaa ggaataaaat gccactcttg gaggcattccc 420

tatctctctg aatgaacctg tttangtgca gcatacactc atacngaaga aaaggaactg 480
gctcgcanaa taagccctnc caattncnca aggcccaaan cggggc 526

<210> 6563

<211> 531

<212> DNA

<213> Homo sapiens

<400> 6563

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cctgggcttc agggggccac tttgggtggc aagatggcat ccaggacacc cccaagtgc 180
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cggcacagga cgtacagntt caacgcttgg gaaggggggc cctgaaaaaa gtcacctgct 480
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<210> 6564

<211> 411

<212> DNA

<213> Homo sapiens

<400> 6564

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ttactgcatn taacaaaaca atgccttcaa ttaaaggggg aaagtgagtt tttaaacatt 120
aggggttaat ttagaagaaa atacagtata taataatctc aacatcatgt ttagggtaaa 180
aatgctataa tgtgaaaaaa gtccctaaga actggacaga acctacctaa caacaccatt 240
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ctatagtgtt ggccctttta aaaatggcag cattgtactt gaatcagaaa gcttactggg 360
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<210> 6565

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6565

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cccagtagt tgggattata ggagcgcac accacaccct actaattttt gtatttttag 180
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acgtaatat ggctgtggag tgttctgttg ataacctttg gacagattaa aggaagtcta 420
ttctattcct cctttgccaa aagttttttt aatcattata gngctnaaat ttatcaaaaat 480
ggtgctgcac ttacttaat cnggtaaaagg gttactttta cagaggttta ccttaattgg 540

gaaacaantt gc

552

<210> 6566

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<212> DNA

<213> Homo sapiens

<400> 6566

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atggacttaa	atgagtctta	ttatttatga	cctgatatat	ttgtttactt	ttcttacatt	180
ttaaaaaat	catcaattat	tttaaaaagt	catcttctct	ctttaaaaaa	cctgccttct	240
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tgtcccggac	aggcactttg	gggncntgnc	ctggctggnc	ccagnaccng	gatgagacct	540
gaaa						544

<210> 6567

<211> 515

<212> DNA

<213> Homo sapiens

<400> 6567

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aatctgggng	ngnatatgga	tatttaaaac	cagcngaact	tgncitttgca	aaatttgaaa	480
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<210> 6568

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6568

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ccagccttac	caggaaacag	gcnacnngg	accagggccc	aacccttaaa	acccttgctt	480
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<210> 6569

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6569

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caggaatgta	gatcagatat	catgatcaga	tntcatggca	ngggttggag	ggagaaaactc	480
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<210> 6570

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6570

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<210> 6571

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6571

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agctctgacc	cgtagcggct	gtggcacttg	gggcatatga	agcatcactt	ttgacttccc	180
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<210> 6572
<211> 538
<212> DNA
<213> Homo sapiens

<210> 6573
<211> 541
<212> DNA
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<210> 6574
<211> 545
<212> DNA
<213> Homo sapiens

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<210> 6575

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6575

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<210> 6576

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6576

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agaagtacag	ctgacaggac	ttcttgatga	actaggtgta	aagtatgang	gaaagagaag	480
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<210> 6577

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6577

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ccattttcct	actgggaaat	ctgatttttt	ggtttttttg	gtttttttga	gacggcgtct	420
tgctctgnca	ctcancaggg	ctggagtgca	atgggccgat	ctcggntcgg	tgcaactctg	480
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<210> 6578

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6578

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catgtgctgc	tttccatcat	cccttgnatt	caaaatgcta	ctgatgcata	gcacctaatc	420
aaggtcccca	ggcttnagtt	tcaactcgga	ggaagctncc	gtaccttcat	tggttctggg	480
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<210> 6579

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6579

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ttctgggtca	ttctttgctt	cctcatcatc	agattcaact	tgggcaaaca	tggttttggg	180
ctgagtcttg	gaatatgctg	ganaaaccca	atatgggctg	tcttctgctg	ctttggcatg	240
acncaaaang	gnttcccag	gattactgtc	atcggctctg	tccaaagcaa	tgttcttcac	300
aatataggaa	gagagagtgc	ccccgtgggt	tccaactcgg	ccaccacgac	ctgggcctgc	360
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tccttggact	ccgttggcng	gggcttacgg	acatagcaag	gcttgagggt	gangaatgaa	480
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<210> 6580

<211> 491

<212> DNA

<213> Homo sapiens

<400> 6580

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<210> 6581

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6581

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gcataagcca	cacaccctgn	ctctttcatg	gatcttctaa	ntacccttaa	cagtnccaat	540
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<210> 6582

<211> 572

<212> DNA

<213> Homo sapiens

<400> 6582

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aagggtncat	agtcccagta	tgaattctaa	gttggtaaat	ctggccactt	tanggaaggg	480
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<210> 6583

<211> 523
<212> DNA
<213> Homo sapiens

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acagaacctg ngttttattg aaagtatctc ttctcatcaa catccacacc tcgaaaacct 360
ggctgntggc tgggataaan tttataaggg taggctcaag cttcttgaaa ggaactgggt 420
taaagggcat gaaggcactt ntggngaag aaccagaaa anggattana agacctnggn 480
aaaggtttcc atactcctta cagaacttga ccngaccgag aac 523

<210> 6584
<211> 480
<212> DNA
<213> Homo sapiens

<400> 6584
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tctgtacatc agtttccotta tccataaaat ggggaataata atatctcata gagttgtttt 180
gaggatttaa ataaaaatat ttaataacta taaatatcat tgtccagaca caatgncatt 240
tagcttttct cctatgtttt cttccagtag tttacagtt tcaggtctta tgctgaagat 300
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<210> 6585
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6585
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aataatttta taaaagagtc catcaagata ttatatagaa aatgcacact aaggtaatat 120
atatacactt cataaaaaata gaatacatct tggcaattgc ttagagtcta ttaccacat 180
gtacagtgtg ttgacgtgtg atatttatgt taatttgaac acatgagatt tttaaaaaac 240
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agnggtcagc tgatctcaca aaatcactga aaataatatc ctggtctgaa ngtccaatca 480
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gggggggtttc tcttnaaaag 560

<210> 6586

<211> 509
<212> DNA
<213> Homo sapiens

<400> 6586
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gccaagatca caccacttgg actccaatct ggggcaacag aancgagact ccgnntaaaa 480
aaaggaaaaa acntntgcc aacttntaaa 509

<210> 6587
<211> 575
<212> DNA
<213> Homo sapiens

<400> 6587
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caagtatccc aactcatatt aaatttcccc atatttctcca tattttaaaa gcactgggtt 420
aancatgggt gatgcccttt aagaattccg naccaaaagg attttcaaat tccaatggca 480
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<210> 6588
<211> 581
<212> DNA
<213> Homo sapiens

<400> 6588
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ataccagctc caagaagagg gggatgtgca cctactttgt gctgtggggt atcccaagtg 240
tccagaacaa tgccctggcac atgtagacgt ttaataaata ctgcatata tgaatgaatc 300
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ccgctttcac gtcttttaaa agtaacccaa tgggcttggc ttgccngnga agtccttntt 480
aaggctttta caaanccttc aacttgcttg nggaaccang gccccagcc cataagcttg 540
acaccaaggc cttacaaagg aaaaggang gcccattncc t 581

<210> 6589
<211> 394
<212> DNA
<213> Homo sapiens

<400> 6589
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<210> 6590
<211> 559
<212> DNA
<213> Homo sapiens

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ggactggact naaaaatgg 559

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<211> 565
<212> DNA
<213> Homo sapiens

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aattaagcct attttcttta tgaattaccc agcttangta gntctttatn ccgaaaagag 480
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gaaggcaang ggaancangg cccct 565

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<210> 6592
<211> 575
<212> DNA
<213> Homo sapiens

<400> 6592
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gcctggcgtc attatcattt taacattgct gctgtatttt cccttgtagg gacaaataat 180
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agcacttttc anttacttga cgggaaaaac aattt 575

<210> 6593
<211> 481
<212> DNA
<213> Homo sapiens

<400> 6593
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caacctntgc tccccagggt caagtaattc tccctgcctna ccctgccggg tacctgggat 120
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cattcatgaa gctgcaatgn ataattgnct tgagataaca ttggatgtta atactacagc 360
aaattttgcc atgtanacca cacatttatt aaaagggatc tcattcttta gnattctccc 420
ggacttntnc ccatnccaaa gttingccttc attttgaatt gaaggtangg attaatingc 480
t 481

<210> 6594
<211> 575
<212> DNA
<213> Homo sapiens

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<210> 6595
 <211> 514
 <212> DNA
 <213> Homo sapiens

<400> 6595						
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gttacgacct	tcattgagtt	tcattacaat	ttaantagnt	cancgcgntt	ctggagacct	480
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<210> 6596
 <211> 542
 <212> DNA
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<400> 6596						
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<210> 6597
 <211> 568
 <212> DNA
 <213> Homo sapiens

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cccaaagtgc	tgggattaca	ggtgtgagtc	accgtgcccg	gccctgttta	tgttttaaga	300
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<210> 6598
 <211> 531
 <212> DNA
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<400> 6598						
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<400> 6599						
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cagaaaagca	tattaacttg	ctgaagtcca	ctgaatgaaa	ccaaaatgaa	gctgggnagt	480
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<210> 6601

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6601

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aatacggttc	ctggggctct	ccctgcatac	tcacagcagt	cgccagggat	atgggcagag	300
ttcatacttt	aatttgggtt	ttagcccttt	agcagctctc	tcagtcccag	gattttcctc	360
ctaaacccca	agctgctctg	aaagtcttct	aacataataa	gccagtatgg	tggtggtggt	420
ggggggnttt	ctatctctga	aactatgcaa	gtaggaaac	cccttggatn	aaaagctncc	480
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<210> 6602

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6602

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anggtcttca	ccatgggtgtg	gctgccctgg	ggagacactg	cttnaaagcc	ctggccttggg	480
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<210> 6603

<211> 527

<212> DNA

<213> Homo sapiens

<400> 6603

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ggacttgtcc	aagatctctta	agctagttag	aggcagacag	aggcaaatta	gagagaaaaat	420
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<210> 6604

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6604

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gtatatgtaa	agggagttaa	tggccttgct	taattaaaaat	gnaaaaacttt	agcatcttaa	480
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<211> 499

<212> DNA

<213> Homo sapiens

<400> 6605

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<210> 6606

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6606

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tatgtgcagg	cagtgttcta	tgtacttttag	gtatattaac	taattttaatc	attcaacaac	180
cccatgaggc	tggcattggt	cattgatttt	aatgagaaag	ctaagagagg	aaataagtag	240
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ctctagtgtc	catgctttctc	aaccattatg	acccaatatt	caaccaaadc	aatactgaag	360
gacacgtgaa	atgtatccgg	tatitttacta	ttacaaacaa	aaatccaatg	aacattcctg	420
aagacatacn	caaaaataat	ggntcaatag	aagttactgg	aattgnaatt	ttgggtcaac	480
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<210> 6607

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6607

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<210> 6608

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6608

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<210> 6609

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6609

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<210> 6610

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6610

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ctctcacgtg	ctggaggcct	cctgccttaa	attaacgctg	naccttttnc	ctaattggtt	480
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<210> 6611

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6611

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<210> 6612

<211> 535

<212> DNA

<213> Homo sapiens

<400> 6612

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gatcttggct	tactgnaatc	tccgccttct	gggttcaagc	gcttttctgg	ctaacccttct	480
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<210> 6613

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6613

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<210> 6614

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6614

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<210> 6615

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6615

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<210> 6616

<211> 501

<212> DNA

<213> Homo sapiens

<400> 6616

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<210> 6617

<211> 507

<212> DNA

<213> Homo sapiens

<400> 6617

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<210> 6618

<211> 544

<212> DNA

<213> Homo sapiens

009270.69462960

<400> 6618

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<210> 6619

<211> 322

<212> DNA

<213> Homo sapiens

<400> 6619

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<210> 6620

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6620

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ccctcgtcta	gccctgggoc	cctgtcccca	aggccagctc	gctgagcctg	cgctcctcct	180
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cataagttct	ttttgctggg	ctggggaact	gnttttggcg	ccttaanggc	agttcaagtt	480
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<210> 6621

<211> 487

<212> DNA

<213> Homo sapiens

008220.69462960

<400> 6621
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 tagcctccta aaaagatccc gtctgtcttc ttaaattctt cacctcgctt atttccttan 420
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<210> 6622

<211> 494

<212> DNA

<213> Homo sapiens

<400> 6622
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 acanaattga gcttaattta atttaactgn cttgggcaac catcatgcct ggctaataatg 180
 ccatattatt tccgttgnac acagtacatg tttnggttta ctaaaccattg atcaaaaattg 240
 atcgaaatct ctaagttttg gttaccatgt ncagagaaca attgctcanc atggcattta 300
 aataaaacag taatatattta aaaattcaca aatccaatgc acaatttatt ttaaaaaaat 360
 aaaattttaa aaccttgagg gatgggatga aggctttggg naattaacct gaaaaacnaa 420
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<210> 6623

<211> 546

<212> DNA

<213> Homo sapiens

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 tttgagacgg agtctggctc tgtctccagg gngggagtgc agtggcgcaa tctcagctca 360
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 ttacagacat gtgccaccac gcccaagtta ttttttgat ttttaagtaa agacnngggt 480
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<210> 6624

<211> 505

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 6624

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ctcccaaagt	gctgggatta	caggcatgag	ccaccacacc	cttttttttt	tttttttttt	300
ttaaaggagc	taagttttct	ctgtatctta	aacagagagg	cttcatagtg	tagtcaatgc	360
tcattcattga	ctcaattcta	gggtaccaat	ggtgctggaa	acaaaggaga	tacatcaaaa	420
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<210> 6625

<211> 552

<212> DNA

<213> Homo sapiens

<400> 6625

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tgtgttcctc	tacgtatatg	catagggaaa	atgtaaaaac	tagaataagt	atccatttgg	240
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aacggttatt	ctgtaatcat	gcaaaaattc	aattaaaaat	agatacacgt	tataacggat	360
tgaatttgtt	tccccaaaac	ggtgtgtcga	agtcctacct	ccagtaacct	gtgaatgtgg	420
ccctcttaag	aaaaagagtc	tttgcatatg	taattaagat	gtaagttata	cagattaggg	480
tggccctaaa	tccaatcaat	agtatcctta	aggaaaaanc	tngagaccgg	cacaccccg	540
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<210> 6626

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6626

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aaagtggaga	aatatatttat	aaagtgaaga	caagactcat	gcaaatatca	gatggaaatg	300
taccaaagat	tttattttaac	tcaagaaata	gtcatatgtt	acatttgatt	caaaggaaaa	360
atcccataga	taaatagaca	atagacagat	aaatgataga	cagattaaga	tggatggatg	420
gatggatgga	tggatggacg	gatggatgga	tggatgaata	gggtcaataa	gggaatgctg	480
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<210> 6627

<211> 546

09629469-072800

<212> DNA

<213> Homo sapiens

<400> 6627

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tagagacagc	cagaaagaca	tggggaaaaga	gtgttggaga	cagagaaagg	ggaaggcaag	300
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tggggccggt	ttgcactgga	cttgcattgat	gtccagccca	canggggggcc	ctgcacacag	540
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<210> 6628

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6628

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cttgcagcat	atcctactct	actcaaaaaca	gtaagcccat	aaactgttta	ttgagtttta	360
aaatgttttg	aaagtatcta	tacttatttt	ttacggagta	atgctatcta	ttcatagtat	420
tactggctca	gggaagattc	tgccatagaat	caatatatca	caaagcaacc	caggagcagg	480
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<210> 6629

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6629

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gaagccacat	gcaactgcgc	gtccagaggc	agaagcacia	ccaacaagaa	ccacgaagga	300
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caaaaaactg	ccaactgaaa	aagctgaatt	tggaaacata	agtcaataaa	tccataacca	420
gcaatactat	ggggcctggg	gtgcgctggc	ctttantgag	tggagtgggg	ccnaaggatg	480
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gtcatn						546

<210> 6630
<211> 558
<212> DNA
<213> Homo sapiens

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aagaattttg tttactttta aaagaggaaa aatcacttcc aatcttccct tccacacatt 180
cctaacaagc ctgcactata cctgcttaaa actgaaaata taaacaatta catgggcccc 240
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caggataaag tgcaacacaa caggaacatg gtctggcaac attcactttc tnaaaccccc 480
ccgaaaggat ttcggagtaa anggaataan gtggtctcaa ggcttgacct taaatcacca 540
gaataggtat tttcccn 558

<210> 6631
<211> 527
<212> DNA
<213> Homo sapiens

<400> 6631
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caaaaccca aatatttaaat aaataaaaaat tagaattagt tgccattcta ctocaaacca 180
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tttctggccc aagttanggg agcttagaaa nggtaaccct tggctcagct tttggcagaa 480
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<210> 6632
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6632
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tacaggcatg caccatgccc ggctaattct gtatttttag tacagacagt gtttcactat 180
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gacaagatgg accaagtctc tcaatccgca aaaacaatga aaaacaaaca acgatgtgtc 420
aatacttagc attaaagaag agtaattttt ctattttaaa aagttcatta attttctggc 480

tattaaaaga caaatctnt aaggattcaa tggattgaat atngggggaa aggaagaaat 540
ttaan 545

<210> 6633
<211> 400
<212> DNA
<213> Homo sapiens

<400> 6633
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agtgtggga ttacaggcat gaggcaaga ccagcctggg aaacatatag agacccatc 300
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<210> 6634
<211> 546
<212> DNA
<213> Homo sapiens

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<210> 6635
<211> 551
<212> DNA
<213> Homo sapiens

<400> 6635
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<210> 6636
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6636
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aatgtaacaa aactgttttg ccctcttctt aagtaaataa ttattggaat aattagttna 480
accatcacat agtaatgnng attttgggct tgactaagtg ggtaanggat gnccttttnat 540
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<210> 6637
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6637
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<210> 6638
<211> 554
<212> DNA
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<400> 6638
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<210> 6639
 <211> 493
 <212> DNA
 <213> Homo sapiens

<400> 6639							
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 <213> Homo sapiens

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<210> 6641
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 <212> DNA
 <213> Homo sapiens

<400> 6641							
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tgcttttat	cagtttg	tttactgt	ttcctta	taaaaat	atgtcttt	360
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 <212> DNA
 <213> Homo sapiens

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ttccatggat	cacccattta	atggaaggtc	tagattacct	caagagtatc	tgtattgcag	420
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aaaataaaaa	gccgattttt	aaatatctgg	aaaataagct	ttatttnacc	tcaagagaan	540
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<210> 6645

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6645

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cttttaccat	attccaaaag	ttctgcaacc	atcaccacta	cctaattcca	gaatattttc	180
ataatgccaa	aaagcatgcc	tgtacctatg	ggcagtcact	ctccaattcc	ccacttctta	240
cagtctctga	caaccactaa	tctactttct	ctatatatag	atgtacttgt	tctgggcact	300
taattcaaca	aatggtcctg	ggacaactaa	atatccacat	gtaaaagaat	caagttagac	360
tccctcctcg	cacataaaaa	ttaactcaaa	atggatcaga	gacctaaang	taggtggtaa	420
aattataaat	cacttagaaa	tagtaaactc	ttggaatggg	ggataagcca	aggtttccaa	480
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<210> 6646

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6646

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gacaattttat	ttctatataa	cagggcataat	actcccaatt	tgctgctact	tcaaagagca	180
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taatccatat	aagacaaaag	aagaaagaag	aaatataacc	aaagcaaagc	attctgttaa	300
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gagattatat	aaaccaaagc	gttaagacac	caaatagtca	gaggtaaatt	actaaggaga	420
attacattca	tacatggngn	catagcactt	atcttttana	anggactttg	gttaccattc	480
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<210> 6647

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6647

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atacataaac	aaaagagcat	gagttctatg	acatcctcaa	aatgtattgc	tcctcttgcg	360
gtttatcaca	accttatttc	taaagctatc	ccttagcaga	agaaagcctt	acatatttca	420
tctgattgat	cctgatatat	caggtangaa	ataaacagta	ttatggttna	attctagact	480
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<210> 6648

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6648

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ccaaagtgt	gggattacag	tagtgagcca	ccgcgccag	cctacatgct	gttctttcta	300
accaaaatat	actcccccg	ttcttcacgc	agatagcaac	ttattatcct	tctgaatacc	360
acagccaagt	ctatctcatc	tccttgccca	attgccacca	tcaagttttc	tatctnaggc	420
tggttttaat	ccctttcggg	acacttatca	aaaactggaa	tgtgggtacc	taacttnaat	480
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<210> 6649

<211> 522

<212> DNA

<213> Homo sapiens

<400> 6649

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tacaggtgcc	tgccaccacg	cctggctaata	ttttttttgc	atttttagta	gagacgggggt	180
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tctctccctc	atgctggagt	aaaagtcnat	tcccactccc	aagctatcac	ccaccacaca	420
actggcacca	caagggcaac	ggntnttgcc	aagaagcnga	agcanactcg	nggtggnggg	480
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<210> 6650

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6650

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agcactcagg	cttcctctga	ggaaaagaaa	tgaccaaagt	gcagactttt	attactgcca	180
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<210> 6651

<211> 519

<212> DNA

<213> Homo sapiens

<400> 6651

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tacaggtgcc	caccaccatg	cccggctaac	tttgatcagc	ctttgatgtg	tcttggggact	180
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aatacttttc	ttcgttaaca	cggggaaatt	aacaaaggaa	gctatgtttt	aggttacagt	300
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caactataaa	ttcagacttg	caagtcagcc	ttatggaagt	gaagtagaac	aactgagtta	420
tgaggagaat	gtataaatgc	aggaaggggc	tctattgact	aataaatggg	gttcataatc	480
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<210> 6652

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6652

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gtattataat	ctatttagca	acatccctgg	cctctaccca	attcatgcta	ctagtatccc	180
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gaactcttcg	ctcctaagg	atgttaccta	tggggaatca	ggagctggaa	atagaagatg	420
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<210> 6653

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6653

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aaagaaccta	gtttttataag	aaaaaggggg	tgagggaggg	gaagagagaa	atgcgtagac	180
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aaatgtgtcc	agtggataaa	acctcagctg	cagaaataga	ttttagcaat	atccaaagac	360
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gcagcatcca	agggcatac	caggggggct	ctttcatgca	tgccatagagt	cctgnaaaact	480
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<210> 6654

<211> 348

<212> DNA

<213> Homo sapiens

<400> 6654

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tacaggggtg	tgccaccacg	cccagctaan	ttttgnattt	tgtaaagaca	gcctggccag	180
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cctgtaatcc	cagctacttg	gaagggtgag	gcaaaagaat	ctcttgaacc	ngggagacgg	300
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<210> 6655

<211> 512

<212> DNA

<213> Homo sapiens

<400> 6655

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aatgttttca	agcaagaaaa	gcctctttta	taaagaaaat	aatngtttta	cacttacctg	180
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tcggtcctca	caagttgaca	gtgggatcaa	ttactcccct	ttatggatag	agnaaggtaa	480
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<210> 6656

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6656

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ctctgtcaga	aaatcctcac	caagaagcca	attcaaggaa	tatgaaattg	acaagccttt	180

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gctcacgttt	gtctgggcat	tgccagcactg	cacacataca	tgaattaagc	aaagcatcgg	360
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aatagctgga	aattactgaa	aaaaattaaa	ggtgccaaag	gtttcatttt	aaccccatga	480
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<210> 6657

<211> 521

<212> DNA

<213> Homo sapiens

<400> 6657

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caccatgtca	gctaattttt	gaatttttag	tagacatggg	gtttcaccac	tttgaccagg	180
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ttacagatgt	gagacaccat	gcccagcctc	ctaacagtta	tttctaaccg	taaattccca	300
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accggctttt	tcaaccatgt	attggctttg	accagcatcg	ccatccaccc	atttgtccaa	420
accacatntg	aagactatct	ctctctntca	ccaagactag	gtaaatctta	ancttttaaa	480
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<210> 6658

<211> 529

<212> DNA

<213> Homo sapiens

<400> 6658

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gcattttttc	tttctgnatg	ccttaaccac	acttnttcac	ctggatacct	ggagcttatt	480
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<210> 6659

<211> 524

<212> DNA

<213> Homo sapiens

<400> 6659

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caaaatgaga	taaagatgct	acataagatt	tcactttttac	ttctttatatt	ttaaaattat	240
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tatctaccca	attcagctaa	taaatttcat	gttattttat	taagatgact	tatacacata	360
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<210> 6660

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6660

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<210> 6661

<211> 531

<212> DNA

<213> Homo sapiens

<400> 6661

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gcctggccaa	tttttctgta	tttttagtag	aggcggggtt	tcaccgcgtt	agccaggatg	180
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<210> 6662

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6662

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aaggcccctt	atcttttgtt	gtccgagaga	tgctgttcct	ttttggggac	actgaaagtt	180

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gagctcacgt	ctgtggactg	catanagctt	ggaaggtttc	attagctggc	cttcccaaaa	480
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<210> 6663

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6663

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taattattgg	ctttcatata	acagttattg	atttgcata	attgaaccct	ttttgcatcc	480
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<210> 6664

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6664

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attttcttgt	cttttttagta	ggtgtagaat	ctacagtaat	gtcacctttc	tcattttgat	360
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tttcattaat	cttctcaaag	accagtttt	ttgnttcatt	gatcttatct	attttcctgg	480
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<210> 6665

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6665

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gcatgcacca	ccatgccctg	ctaattctctg	tatTTTTtagt	agagatgggg	tttcaccatg	180
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gtgctgggat	tacagtaatg	agccactgcg	cctggcctac	atcttcttat	aatgactaag	300
tttggaagta	agagaaaaaa	ttgaaagcca	ttctgtctaa	taggtactgg	aaaatggaaa	360
aagaaaaaaa	gaaaaaaa	cttagataga	tagattccag	ggacacaaaa	ccagtgttag	420
cataaataat	gacagcccag	atttatttgn	acttaaaaag	gnatacaggt	aaatatcatg	480
gggnTTTTtg	cattgggtct	ggttgggnga	tggatatggt	aatcatttgg	gnatgctgaa	540
ccanccttg						549

<210> 6666

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6666

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agaccaggaa	agaatattaa	tctgctgggt	aagtcgcaga	atggatttga	ggtaagaaat	180
gtaagatgag	aagaccaa	caagaaacag	gagatttcac	cattagcata	tcaaggatca	240
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gaagatggcc	actcaggagc	cgtagattca	agttgctctg	attatacact	ccaactacca	480
gccattacaa	gtggcttttt	ttangaaaaa	aaccagangc	agttcctaag	tggttaccca	540
gaattncctt						550

<210> 6667

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6667

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ttacaggcat	gcaccaccac	gcctggctaa	tttttgtatt	tttagtacag	acgggggttc	180
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taaatcactg	ttttcatctt	tttcaagcat	gcaaaattaa	aaaaaaaaatg	gaataacttt	360
caattataaa	agctgtcaaa	cagaaatcct	ttaaaaggct	aaagacctat	gtaagtatta	420
aatagcaata	tataaattat	taatgattaa	tatctcaaag	aaaattttca	gcaggacatt	480
actttcatta	tactcttcag	taatactgna	gcacaacact	tggnatgccg	ggttccaang	540
gnaann						546

<210> 6668

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6668

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aagaaaaacg	aacatggtct	gtgccttagg	gagcttatat	agacaaaagc	aaacaaataa	180
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tgtattccaa	aaataatttc	tgaaaaatcac	aggaaagaaa	acttttgtgt	atttattagc	420
agaggcaagc	tatactatca	attggcacct	caagggcaca	aaattgcctg	gactacacct	480
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gga						543

<210> 6669

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6669

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gctatatgtg	actagtggct	accatataaa	acatttccat	cacaaagttc	catttatcag	180
atcttatata	gaaccttgaa	taaaatttaa	tagacaagtg	attttgtatt	taacatttca	240
cctttattga	atgcctataa	ggccatttga	ataacggatc	atgtacaaag	caacaggaaa	300
aaaaaaactg	caagcagtaa	aggttgtgca	ggtgatattc	agtaacactg	cagtgtagcc	360
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gagaaaaccg	aaatcagaat	tactgacact	ttaggccagg	catggtgcct	caagcctgta	480
atcccagcat	ttagggaggc	caaaggatga	gccccacgcc	caggccaagt	gacnttnac	540
naaa						544

<210> 6670

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6670

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tataggcgcg	agccaccgtg	cctggcctgt	tatctttgcc	ctgggacaat	ccctttatag	180
tagttgtcct	tttagagaac	tgaccagaac	tccctccaac	accttctctc	tgtcccagcc	240
ctcagaatct	aagactgggt	gactaatggg	gttaatttat	atttcacttg	ccaacagtcc	300
ctccccactt	tgaggccagt	tcttcaactc	agtgtctcca	ttcctgactt	tttttgccca	360
gagttgtcac	cctgcccttc	accccttttg	aactctctca	cctccaatga	caggaacgga	420
aaggttctca	gctcgggaca	caactttggg	caggtcacag	ggcancagaa	caatggggca	480
aagaaagtgg	agtgtggggc	aacaaccang	acangggctt	gnaagccaaa	aggtcgctgg	540
ncaca						545

<210> 6671

<211> 546

09629469.072800

<212> DNA

<213> Homo sapiens

<400> 6671

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gaacgcagtt	gttcattctat	taaaacatag	tctagacgat	gagaaataac	atcaattcca	180
aaggaggctt	gaaaggaaca	cactgaaata	ttgtggctat	gataattgga	ggtacgatgt	240
gttcattgtg	tgtatcatgc	atgtcagaga	ctgttataag	tgctttacat	gtgtcaatca	300
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agaaaaggta	agaaacttgc	tgaaggccac	ttagctagtg	agtggaagag	ctagaaaagg	420
aggtgagaga	gtctgtgtca	ggggcaagag	ctctactgct	canaggacng	taaaccctta	480
agaccctcat	atgggttgac	tagtcaatta	aaaatcaacc	anggttccca	anggaccccc	540
tgaacn						546

<210> 6672

<211> 529

<212> DNA

<213> Homo sapiens

<400> 6672

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tacagacatg	tgccaccaca	cccagctaata	ttttgtattt	ttagtanaga	cagggtttca	180
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aaagtgctgg	gattacaggc	atgagccacg	tgcccagcaa	aatatagggt	actgtttttc	300
agaaaaatac	atatttagaa	attttttctt	atgattctgg	tcctatatig	gtctactctt	360
aatattaaat	agagaagcat	caataaatga	ccaatttggt	aaactatgat	actngatca	420
ttgttagaac	tagttttaca	tatggggaga	gagtnatttc	caaaatacct	nccctacttt	480
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<210> 6673

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6673

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ctatatgagc	taaatactgt	ataaaaacttc	ctctattaat	tcttgacac	ttcctatgag	120
aaaaagctct	ttggagatga	gaaatctgag	gctcgggaat	taactctctt	gtccaagggtc	180
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taatacataa	aatacgaatt	actgctttta	taagaagtaa	gatggcagta	ccgttatcct	300
gaaacttcta	aggccgggog	tgggtggctca	tgcctgtaat	cccagcactt	tgggaggacg	360
agacaggcgg	atcatgaggt	caggagatcg	agaccatcct	ggctaacacg	gtgaaaccct	420
gtctctacta	aaaatcnaaa	aaattagcca	ggaagtgggtg	gtggccgcct	gtagtcccag	480
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<210> 6674

<211> 541
<212> DNA
<213> Homo sapiens

<400> 6674
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agtggcagag accccatttc cacctaactg aaagtagagg agcccaccag tgcctctcgg 240
aatgataaaa cccttacttt cttctgtgag agcactgctg aggccattca aagatgcctt 300
tttttgtgaa acccttttagg aaacagaaag gttgacttat ttgccatgta aacccaaaga 360
agttctctgc gtctggatga agccccacg gtacttggtg tcacaccttt tnggttgcaa 420
ccctggctct gtgaagaaac aagcccaccc ctggnatgac ggctctntgn tacanggcaa 480
acagaagggt tgggcaatcn ngtagaactt gcanccttag aacagggacc ttgaacctgg 540
a 541

<210> 6675
<211> 548
<212> DNA
<213> Homo sapiens

<400> 6675
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cactgcagcc ctgacctcct ggactcaaac aattctcctg cctcagccct gcaagtagct 120
gggactgtgg gtgcatgcc aatgcctgg ctaacttttg tagtttttgg aaagatgggg 180
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cttagcatcc acttgctcac tgagattaat cataagagat gataagcact ggaagaaaaa 360
aatttttact aggttttggg tatttttttc ctttttcagc ttatatacaga ggattggatc 420
tttagttttc ctttaactga taataaaaca ttgaaangga aataagttac ctgagattca 480
cagagatacc cgggatnact tccttgntca attcagnctt tancacctta aaaaccttta 540
aagccctt 548

<210> 6676
<211> 523
<212> DNA
<213> Homo sapiens

<400> 6676
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ttgacttccc tggctccagt gatcctccca cctcagactc ctgagtagct ggaaccacag 120
gcacatggca ccatgccag ctaatgtttg tattttttgt agagacaagg tttggccatg 180
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agtgccggga ttacaggcat gggccgccgt gcctggcctc ttttggcttt ttaaattgtg 300
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ctgtgatgct ggaagttttc tatatctgtg ctgtcccaca caattgctac taagttacat 420
gtggcccggt gagcatttgn aatgnggctn atgcactgag gaagtggaaat cntcatttta 480
attaacttaa atgaaatttc anttnaacag ncccctgggg cta 523

00629469.02800

<210> 6680
<211> 501
<212> DNA
<213> Homo sapiens

<400> 6680
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aagtcaagtt ttccgttaaa tagaagaaaa atctaatact ttgtaataaa gaccatccag 120
ctaaaaacag atcattaaaa caacaatagc gatttgactc tgtattttat ttcaatgagc 180
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tactgagcaa gtaaatactc cacacttgcg tgccctcctt tatttcttga tgtcttcagt 300
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tctttctncc ttggaatnaa c 501

<210> 6681
<211> 548
<212> DNA
<213> Homo sapiens

<400> 6681
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cgtgagatgg gtctcctgaa tacagcacac tgatggggtt tgactctatc caagttgccca 120
gtctgtgtct ttttaactggg gcatttagcc catttacatt taaggttaat attgttatgt 180
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gttcctttcc atgtttaagt gcttccttca ggagctcttg taaggcagtc ctggtggtga 360
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aatttggtt ggatatgaaa atctgggtt gaaaaacctt tcntttaaga atggtgnaaa 480
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cgaactgg 548

<210> 6682
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6682
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actgtgcaca gacgagttaa caaatattt ttctaataat cctcaaaca atatctgtga 120
agattattta gggagaagtg aaaatagaca aaacccaatt atccaacatc acatcaagtt 180
gcttaacttg caaagttttc aaagaaatat ttccacagaa ttagagaatg ttatcaaata 240
tataatgaaa aatatctcag tagcccagtc cttttccat caggtgagcc ttcgacaaga 300
tttaaacatc tttttatcat tcttctgaaa gcaatctata ccgattatct ggtatagatt 360
ttctgcaaag gaaaactggt ctctcagaga cttgagtctc tttaaggctt taaaaagggc 420
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cttaatcata ctggcagctt ggcattgcctt anggtcctcaag tngaaaacnt tggcatggcc 540
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<210> 6683

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6683

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ctcttggtgc ttgagaaatt tcagagagtt gtttagtatc attgctgcaa atttagatca 120
ctcatatcat ttatgagact tggttttata cactttttaa ataattgtcc aacagtgcga 180
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ctccaccttt gagctacaga aaaaaaatcc tcaatctacc atataattga tatttgaaaa 360
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aaaccctgac accatctgtg gaaatgcttc cgaggtcatc tctcttctgg ccatttctgg 480
gcaaccggtt tggncaccata agggaagatg aaccacttnt gaggtccggc ttgngtgtaa 540
gggggn 546

<210> 6684

<211> 507

<212> DNA

<213> Homo sapiens

<400> 6684

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atataaaact catcagagag ctgccatttt aagtggaaat ggtagcaacg gattattttt 180
aatggccac ctcttttaaa ttatgcctaa ggttgtaatt ttttgaattt ttgtaatcag 240
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taatggaaca ctacacatac atggctaggg ttcaaagaaa cttgctctgt tacagggatt 360
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taccatcaca ctagaggaag gncagcttag aactaagtcc atgancatca gangagaaat 480
ggttacnggn cnttaaagag naagttc 507

<210> 6685

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6685

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aaaagcagct ctccagggtga agctgctata ctttgtgcta aataacctta tgaactgagt 120
atacagaata catataatat gcaagttacc tcaacagcaa aggagaagga gtagaataca 180
gtttttgaag ataaaatctg gtcaagtgc aaattttgtt gctcaaaatt tctagccctt 240
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ccactcaatt	tttaaaaaaa	ttatatattga	catatgtgca	tgtgggggatg	gggtatggat	420
gtatacacac	tttaaaaaaca	ccaaaccctt	ggttataagt	anaagggtca	tgctggnttt	480
taaattaata	ttaggggaat	ttaagctctt	ctcctggggg	gctaaggnaa	ccttgggtct	540
caa						543

<210> 6686
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 6686						
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cccgcctttc	ctcactggta	ttcatttcaa	gtcttaatga	agtctagcca	tcaattaaaa	420
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<210> 6687
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 6687						
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aactctgcct	tagtcctgag	caaggctttc	tatcaggctc	ccaggccact	cagttacggg	360
gttgagagatt	ttacctccaa	attatgctca	atgcaacact	tnccatccat	gcttctcatt	420
ttccagtgn	ctttgctgnt	cttcgcccc	ttaacttttt	acgaagaaaa	cttaataatt	480
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<210> 6688
 <211> 542
 <212> DNA
 <213> Homo sapiens

<400> 6688						
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ttcaactggc	agaaatagga	ctgggcacat	ggaaaaaggt	cagaaataag	agaagatgca	240
gatttgctca	aaggctgcta	cccagcactc	ccatgctcac	cccattccta	agctcttccc	300

caagcatact	cttcatatgc	attggtgagg	ggccagggtcc	ctggagggtcc	cagagacaca	360
aagttaaggg	tagggaaaag	ttcagcccca	cactcccatc	cactttgtag	ggctttctcc	420
cttcagtctg	gggggtccca	caaagtccca	agatggtggn	aacagtcaca	tggatttcta	480
agagaccnca	tgacatgctt	ggaagttgca	aancactggn	cttaagttgc	attatttggg	540
cc						542

<210> 6689
 <211> 528
 <212> DNA
 <213> Homo sapiens

<400> 6689	
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atgtcacact	ggggcaaaact
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ttgtttctac	ggcccagcgc
agntgcctng	cccaagacag
gcaaaaccng	gaaggaaang
	nccaaca
	gtcttccctt
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	120
	180
	240
	300

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ctcataaatt	tgagtngta	aaagtgaac	cgattncagc	tcatgagccc	taatataant	480
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<210> 6692

<211> 514

<212> DNA

<213> Homo sapiens

<400> 6692

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gcatgtttgt	caggctcaaa	ctcctgacct	ctagtgatct	gcccgnctng	ggctttcaan	480
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<211> 524

<212> DNA

<213> Homo sapiens

<400> 6693

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<210> 6694

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6694

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ggcgcgccgc	accacgaccg	gctaattttt	tgtatttttt	agtagagatg	gggtttcacc	180
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009220" 69463960

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<210> 6695

<211> 517

<212> DNA

<213> Homo sapiens

<400> 6695

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ccacatgaaa	gtttacctgc	tacaatgcca	tgaggcacia	ctttnttttag	ngctcaagcn	480
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<210> 6696

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6696

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ctggnccatg	taagncccaa	tgaagtggat	cattgacatg	tctgnaaatg	ggnttcogncc	540
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<210> 6697

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6697

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<210> 6698
 <211> 508
 <212> DNA
 <213> Homo sapiens

<400> 6698						
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<210> 6699
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 6699						
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gaaagagttg	catgtctctt	acattaaatc	aaaagccaga	aatgattaag	cctagtgagg	420
aaggcatgta	gaaagccaaa	atggggccaaa	aactgggcct	cttgacccaa	acagccaagt	480
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nggga						545

<210> 6700
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 <212> DNA
 <213> Homo sapiens

<400> 6700

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<210> 6701

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6701

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ctggaatatt	ctctgcgagt	catgcacacg	tgccgggggt	aagtgcantt	atatggngac	480
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<210> 6702

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6702

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gnctggccna	cccggggaaa	ncctggcttt	actaaaatcc	caaaatagct	tccttaagan	540
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<210> 6703

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6703

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aagtgcctgaa	attacaggcg	tgagatgcag	cgcccagcca	ttagttctat	cttttagtttt	300
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attctgactg	gtgtgaaaat	gtagttttta	tttgnatttt	ctctggagaa	tagtggtatgn	480
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<210> 6704

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6704

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<210> 6705

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6705

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<210> 6706

<211> 530

<212> DNA

<213> Homo sapiens

<400> 6706

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taaataaata	atcactacta	aatacngata	atggggtnaa	cagcttacac	tngtaaataca	480
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<210> 6707

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6707

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<210> 6708

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6708

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atcattggag	tctgaagtc	ttcagcccta	agggaccact	tacagnttnt	gggccatact	480
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<210> 6709

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<211> 541
<212> DNA
<213> Homo sapiens

<400> 6709

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aaatgtaata	cattaatata	ttcattcatt	ctctattaga	aaacagcaaa	attacattgt	240
tagttgtatt	atttacagtg	aaaacttgga	agacttgaca	aagcatcagt	tagtttatca	300
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<210> 6710
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6710

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aatgcaaaat	gtttccacta	cgtaacaaaa	gaaaatcagc	attcccacat	agtattagga	180
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catttcatac	tttcaaacac	tttgggtataa	gtgaaattaa	tagaaaaaca	aaagaagaag	360
aaaaaaacct	ctacttttgt	tttcacatta	ttggaacttc	agcaacaagg	caagtgcaca	420
gctaccttgg	atggacaaaa	tgggaaaacc	tcttatctgc	ttggttctcc	tcctggaaat	480
ggacgtgcta	ggaaagcgct	ttccagactt	tttggaataa	aggggctttt	acttnttttc	540
acaatanggt	ttta					554

<210> 6711
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6711

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caggctgcctg	ccaccacgcc	aggctaattt	tttgtaattt	tagtagagac	agggtttcac	180
agtgttagcc	aggatggtct	caatctcctg	atctcatgag	ccgcccgcct	tggcctocca	240
aagtgtctggg	attacaggca	tgagccactg	cccccgcca	atctcaggta	tttctttata	300
gcaatgcagt	aatggcctaa	tgcagtatat	gtatatagaa	atataggata	aaaagggtgta	360
tttttccaca	aaatttttga	cttgggattt	caatttcagt	tgtagaaaaa	tcaacctgag	420
atccctggta	aaatcagtta	aaatgtcaaa	tcagtggacc	cgggtcaact	ctntactata	480
ttggggcttt	tcactatacc	cccatatat	tcnggggtata	aattttgggt	ntggattnan	540

gggtgnggct atatin

555

<210> 6712

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6712

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gagccacaga	gtgccacctt	ctggttttaa	actgtggcac	cttatttctt	ttgaaatgtc	120
actttataag	gtgtatgtag	aaagcaacag	cagcagttac	aaaatgttgt	ctgagtgatt	180
ctgagagctc	aaaacaagga	tccgcgtata	ggctgaagaa	aaagacgttc	agttaacagt	240
gcgcgctgta	gaactttaac	acaagtcttc	aggtggaatt	cctgtgtaaa	ccttagtaga	300
gatgcgactc	acggagacca	aaagtaaaaa	tctctttacc	gtttacagtt	tagtgagggtg	360
gtctgcattc	tcgcaaacga	cttacaaagt	acaagaaatg	ttgcgtgtga	gtattaggca	420
tagaaatatt	cantttctta	ccggaaggac	cacangggga	caggaaacct	antggacgcc	480
cggcaacaac	tttcccgaag	atgcnacccc	caggaacgga	ntgcaagcct	gcacaggcac	540
cttacaatct	tttg					554

<210> 6713

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6713

cgagacaggg	tcttggtttg	tcgccaaggc	tggagtgcag	tggtgtgata	acagctcact	60
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acaggcatgt	gccatcacgc	ctggctaatt	aaaaaaaaaa	atTTTTTTTg	tagagatggg	180
gtctcaccat	gttgcccaga	ctgctcttga	acaatcttcc	cacctcggcc	tcccaaaatg	240
ctgcgattac	aggtgtgaagc	cactgcgccc	ggtctgccag	tgTTTTTcta	atactaagac	300
aagggttatg	ggtctgggag	gaagagccca	gtggtgaagc	gccctgtcac	atctgcccgt	360
gtgacctctc	ggtgatgggtg	ccagccttga	cctctgggct	gagacagtgg	gtcggctctt	420
cactgtggaa	acgccttgcc	taccttcac	tctgggctct	ctggaaggaa	agcaccatgt	480
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<210> 6714

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6714

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tgtcttattt	ggagtaatgt	ctgttcagat	tctttgccta	taattaaatt	tggttgtctt	120
tttattgttt	agttgtaaga	attcctgata	tatactggat	aggtgatttg	caagtatttt	180
ctcccattct	gtgggccttc	atgtcacttt	cttgatagtg	tcccttgaaa	agcacagaag	240
tttttaattt	ttatgaagtc	cagttgtttt	gttgttggtg	ttacttgtac	ttttagtgtt	300
atattagaaa	ccattgcctg	gtctatttat	tccagcacca	catgctaata	agactattct	360
ttgcttcatt	ggattatcat	ggaatctttg	ttgaaaaatc	aactgattgt	aggctggccg	420

tggtggctca	catctgaaat	cccagcactt	tggaagctn	aaggtgggaa	ttgagcccag	480
gaagtcaagt	tgcccttgac	cntgataccc	ttcanggtga	actccacctg	gg	532

<210> 6715

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6715

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
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<210> 6716

<211> 454

<212> DNA

<213> Homo sapiens

<400> 6716

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aaggagactt	ttctaaatct	caagtccttt	gctaattttt	ctttggaaca	acagcacatt	120
ttcaatgcc	aaccttctcc	tacaacatac	aaaggggaga	tgccaaaact	ctgaattctt	180
gtaacggatc	ctgcaactag	ttctatccag	aagatggaga	caatattccc	tgagattgac	240
tgaacatgtg	agaaggcaca	gctcagaagg	agaggaaggc	tgagggcagt	gaaatgagaa	300
cctatgcatc	acctggcctt	tttcatgtt	agtctatcct	actatcccag	gaattcactt	360
ctgctgtact	tgagattcag	ggataataat	gtgactcctc	ctccacatt	ctaagtaa	420
atgttaacta	gatgagcatt	tangncntt	nnan			454

<210> 6717

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6717

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tttttccttt	tttcttttcc	cagctacaaa	atactctggg	gagatgcatt	ataatttaaa	180
atatataata	ttgcacaaac	aaccaaaagg	ttaattaaac	taaagaaata	attacaaaga	240
gaaaaacccc	atcccgtcaa	aaaaaagatt	cagcattctc	tccatcccac	cccctcactg	300
aaggtttgaa	gtggaagtga	cctcactctc	tcggtgtccc	tgaccacaga	tccctttcac	360
tcattggtga	gcacaccaga	ttaggtcaag	aatcaccaga	gcagcatcgt	gaagcaccag	420
gctcttccag	agattcctgn	agccctcat	ttcccaaaa	ggtgcagctt	taccagagt	480

ganggtgaaa gcccgaangc tggggctggc ttcaggaaga aaacttttggc agaaaccnn 539

<210> 6718

<211> 522

<212> DNA

<213> Homo sapiens

<400> 6718

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naggtagtgc	agggcacact	catgtgcccc	agtccttacc	ccgacgcttg	gagacacagc	120
tgtgggtcan	acaggcaacc	aatcagggag	gtctctggga	actcagataa	tgaaaaat	180
ttcatgtata	aaatccttaa	tcaaaatgcg	agtgggtgtca	tcttgcaagt	cagacactgc	240
aacttaaaat	taatatataa	cagaaccttc	agcagaagga	acatccccgg	gctgtgtggt	300
acaagtgacc	ctgaactgtg	gcctggactg	ccgagacccc	aggcggcagg	ccggctccag	360
gccagcatcg	agatcccagg	gaaacaagct	gttgctgcac	cangatcccc	aaggcccggg	420
nggacttcna	aatgtgangg	caaatcggca	aagatgatgt	ancacaaaaga	gggncattaa	480
caccataagg	ngtaactgca	caagggggct	tcggaanct	ta		522

<210> 6719

<211> 532

<212> DNA

<213> Homo sapiens

<400> 6719

accaagtaaa	ggacaaactt	gtactgcatc	ctacttttta	gtaggcaact	aaagcttaaa	60
attatttgat	cagactttta	aaacctctat	gacaaacctt	tacgagtttc	tcaaagcgtg	120
gtcttttaggc	tactgaaatt	tccaaagtgc	ttctggaagg	tttacctttt	atatgacagc	180
aatatgagac	tacttgccac	tagtccata	gtaaattaaa	actatatctg	caacttcccc	240
cagacgtcaa	atcaccatct	aattattgta	aggatttttt	tccagataac	aatagctgga	300
atgggggtgtt	tcagggtatt	tttgttcacc	ccagtgggta	ttgggtgaaat	ttgcaccatt	360
tccttcctat	ctccccagga	ccacctatca	agagaagccn	tagtaaacgc	tcaacaaatg	420
cttgataacc	cgataaaaact	actttaatct	gnttaagaaa	aataacctaa	agaattggaa	480
taagccttgg	ccttggttaa	aatatcaact	tttccttaaa	aggctctcag	tt	532

<210> 6720

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6720

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aaaccccgcc	tcccgggacc	aagtgactct	cctgcctcag	tctcctgagt	acctgggatt	120
acaggtgagt	gccacaacat	ccaactaatt	ttttgtat	ttaacagaga	cggagtttca	180
ctgtgttagc	cagaatagtc	tctgtctcct	gacctcgtga	tccgcccacc	tcagcctccc	240
aaagtgtctg	gattacaggc	ctgagccact	gtgcccagcc	tcccatctac	agactttaag	300
cagggtagca	actctattct	gaagttcctg	cacattatac	ggcattaaaa	ttgtattaca	360
aattaaaaca	aaagtcattc	taataaaaaa	gtcatccaag	taaacaaaag	aagctgacat	420
tacacagtaa	tgnatcataa	attcttaatt	cctaaaaact	ggtgaatcaa	tagatgtaag	480

tcagaataaaa gaaaggcttg gttggtaccc attatitttag aaaggatcat aagg 534

<210> 6721

<211> 494

<212> DNA

<213> Homo sapiens

<400> 6721

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taaggtgata	tgttttgtag	tgtatctata	atcttttaaaa	agtttagagt	ttttggaatg	180
tacagtatat	gaggtaaaat	caagattaca	ttaaaaattg	ttttctcctc	tgactaatt	240
ttgcagttag	gctcaaatgg	caagtatact	attaaatgac	atttactatc	aaaaatagga	300
agttcatttg	aattactatg	aaaaacataa	gccactgtaa	cttgacacag	tggcacattt	360
taccatttta	gacattcaac	tatatataaa	tctctgggct	attacactca	gactcatttg	420
tactgccaaa	tgtggcactt	taaagaagtt	tctagaaaac	natcgcaatc	nctgnngttc	480
tgggnaangg	tntc					494

<210> 6722

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6722

gatacggagt	ctgtctccca	ggctggagta	cagtggcgtg	atctcagctc	atcggctcac	60
tgcaagctct	gcctcccggg	ttcacgccat	tctcctgcct	cagcctccca	agtagctggg	120
actacgggcg	cccgccacca	cgcccggcta	attttttttg	tgtttttagt	agagatgggg	180
cttcaccgtg	ttagccagga	tggctctgat	ctcctgacct	cgtgatccgc	ttgcctcggc	240
ctcccaaaat	gctgggatta	cagggtgtgag	ccactgcgcc	cggcccccag	tccactcatt	300
ttatacaaag	gaaacaaagt	ttcagaaatg	tgtatcttgc	tcaccagtgc	gaagcagagt	360
ttgcctttga	accatgtctc	tggatctttc	ctagccatat	accctactat	aacatatttt	420
aggagcatca	tcttttaaat	acaagttgca	accttctaaa	ttgggaagaa	aagcctgtag	480
caacttcttt	atatctttta	aagaaaacct	ggggaggggg	caagncccta	aggngggaaa	540
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<210> 6723

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6723

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gtgttacctc	tgtctagagg	ggacaaatgt	atctaattctc	tacaaggtaa	tttgtaaaat	120
tgcagtaggc	cagaaaagaa	gtacttcatt	tagaacacag	acagacggac	ccatgaggac	180
ttttagcaga	cagacagagg	gaccacagag	gacttctgac	tgacagatgg	gtcactgtta	240
gttgcccata	tcaaaaagttg	aaatgtcatg	gttgtaaaat	cataagaaaa	agaagtaata	300
ataatgtttg	taaaactaca	cattaatgga	taattaagtt	aacaacatac	aaccacattt	360
atattacata	tgtgttttgta	tatatatata	tatatattta	tactagtatc	ttaaagactg	420

-2702/13211-

tacatacatc	agctcatttt	ttttctataa	atccttatga	nggaaaatct	ggtatatattcc	480
ccatttgnaa	ctgntttnga	agtaattatt	ttgagaaagg	tgaatnttag	ctntatgcn	539

<210> 6724

<211> 400

<212> DNA

<213> Homo sapiens

<400> 6724

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caatgattaa	actggcaaca	taaaaaggag	ggagcacgag	tcatggaggc	ggnaagtggg	120
gcacctgcan	acttgctctg	ctccatcact	ttttccaaga	ggcccagaaa	atgtaagggtc	180
atggctacat	ccaagttaca	atggtagtga	ttacagccag	gttagaaaagg	gtcactttt	240
gttcagagca	aactctacat	cattgaagag	ggggatcagg	tcttcagatt	ccaaagtcc	300
taagtcaacg	tttgttcctg	gaagacagtc	aaggaaatca	gggaaacggg	tctgttgggg	360
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<210> 6725

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6725

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acgcagttgc	taagtcaacg	tctgaacagt	gtgaggctcc	tgaatatctc	ccaggagtcc	120
ctgcgcaact	gtcctgagca	tgagatcatt	gcacagagaa	gacagtcca	cgcgagcg	180
tgactatcta	cagaggtctg	agagggg	gtccctcttg	tgtttcctct	ttttgccatg	240
gtaatactga	ttattggatt	tgccctgatg	ttgtttgttt	gtcatcaagg	aacctatggct	300
tgtttgagtt	gtaccttgga	agcccttgct	ggaagaacga	aagagccttg	ctgatccatg	360
ctgagatttg	ttgggtgctgt	tggatgtgtt	agtggtttgg	gtgctttgca	ttttcccaac	420
tgcctgagag	gactccaagg	atacatcttg	cgaccctact	cggntnccag	tggacggacg	480
ggaaagcagc	tggttcaagg	gtttgcatgg	nggtgcatcg	gaatctacgt	cacttaanct	540
ggactgngtg	gcaaaaaa					558

<210> 6726

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6726

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cacatcctcc	cacctcagcc	tccaagcag	ctgggaaaag	aggtgcacac	caccacacca	120
ggctaattct	tttatttttt	gtagagatgg	ggtctcgtc	tggtgctcag	gctgggtctca	180
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tgagccccag	tgccctggcca	aggcttttct	ttttcttcca	aatcattcca	tgcttactgt	300
cagctaaaat	ctctcctctg	ttacatagct	cctgtcttat	atttgtataa	ttaaattatg	360
gtacttaaac	actctttaca	tttatcttct	ttacagtttc	atctggtttag	gttggccatt	420
gnttcaaccc	attccaaact	attttcggnc	ataagaaaga	cgctaaggac	ttcataaact	480

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ccgngaggna 550

<210> 6727
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6727
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agggggtcca tattttcatc ttgcaactggg ccttgcaaatt tctgcagctg gtcctgactg 180
ccaagagagg gatttagcca taaaatcagc aagggttggg cgtggggaag tggggtacag 240
gaagatagag gatttaggca tggctgcagg gttttaagct ggtgggtactg ttggctggga 300
aatctaggaa atccagcatt gagggaccgg ctttgtgaat ctgttgtgga tgggctgagc 360
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gtggtgactg aggctcanga ngggctaccc gagcgggaac tgcgggcang gatcttgggg 480
aagcagacat ttaggagatg agacaacagc ntggctaacc tcaaaccctt tttagataga 540
atgtcttctt tctn 554

<210> 6728
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6728
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ttaatagatt tgtaggaag aataatcaat tttccatacc ccctccaagc cattgttatt 120
tgatataaat cacagttttg ttaaaggaac tttagaata acttcgtcac taatgacaca 180
tcatttttgg caaacaggaa aaataactaaa ttcagaggat catagtttct gcttagtcag 240
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aggcttactc atggaaatgt ggaagggttt gcaagcctgt cagatgtggg actgcatacg 360
atttatgtaa attctggtct tcaatagttt gtagacttag tggcaacctt gtaattgatt 420
tcctgnttcc ccatcactac agctgtcact ggacgaggag gagaatgaac naaataccag 480
gcactttcta ttctagcata aangctctgg aancagctct gntggccttt ctggggggga 540
cctaattttt tttt 554

<210> 6729
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6729
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caagctccgc ctcccagggt caccgccattc tcctgcctca gcctctcgag tagctgggac 120
tacaggcgcc cgccaccatg cccagctaatt tttttgtatt tttagtagag acagggtttc 180
accatgttgg ccaggctggg cttgaactcc tgacctcgcg atccgcccac ctgggcctcc 240
caaagtgtcg ggattacagg cttgagccac cgctcccggc cttcctatag catgaatttc 300

tataactcta	gctactgctt	aagtcagata	aaaaaaacac	aaattacaat	gacaatttac	360
catgtgtctg	gcgctgttct	aagcacatgt	taatgcacaa	aaattctatg	aaataggtgt	420
attattatct	tcattttata	gatacgtaaa	ttgaggtaaa	agccaagttc	atcgacttct	480
tcagaatcac	acaggtagga	aaatgtccca	gaagcctaca	ctcttttaaac	caccacaact	540
aggtatacct	nagtcn					556

<210> 6730

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6730

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caggcgcctg	ccaccatgcc	tggttaattt	tttttgtatt	tttagtagag	acagggtttc	180
gccgtgttac	caggatggtc	ttgatcccct	gacctcgtga	tccgcccacc	ttggccccc	240
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ttgtagattt	ctgaacttgt	ctagcaatta	gggacacacc	gctcctagcc	tccttcaaca	420
agctatgtga	agtgttagaa	ttccttcaact	ggcatgttgg	tgagattttt	ggagtatatc	480
aagccactgg	ctttaactag	aacctncctt	tttcaaactt	ctctggatga	aaaagcatca	540
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<210> 6731

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6731

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ggctggaatt	canatatcca	gagttctggt	tacctacaac	atctattctt	tacgtagtag	180
cttacaagca	tcaaaggcca	ccctcacctg	atgcttggcc	ggatctatgc	cctccaaaat	240
agtcttcatg	tcctcctgct	tgntaaatc	agcccctgct	tgaagtaaaa	catntgcaac	300
atccgtatgt	ccattttcac	aagcataggt	taaggctgtg	tctcctgttg	ctgtttagc	360
atgcacatta	gcgccagaag	ccagcaaata	tttaaccaat	tccaggngtc	cctcctgaga	420
agcctccatc	aaagggtgtg	agcaacccaa	gttctatatc	aacccctggc	ntaataagaa	480
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<210> 6732

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6732

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actgaaaaca	gactaagctt	ctgtctatgg	aagaagcaca	gaccagcttt	aaccatgatg	180
acaatcactg	gtaagactaa	gcaaaggaag	tgactgtatc	tctgtttcaa	attctttttc	240
ttcttgggca	cattctccat	ggccatgtga	aacttaaaac	aaagattgcg	actgtcctgg	300
ccagagaaga	aggttaaagc	tgtgtcatag	agaattgcag	attatagttc	taccttcac	360
ctgtgatatc	catgtctctc	agagaggctc	ggctacacca	ggatgttctt	tgcgatagca	420
ttcaaaggcc	ttaccttggg	cacatctggg	acctttaggg	aatattctga	gccaagaaaa	480
ggangcttcc	atngnaacng	atgaattcgn	aacttcattt	ccgggctcta	attnancggc	540
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<210> 6733

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6733

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caaagtgttg	ggattacagg	catgagccac	catgaccggc	cagctactgt	cttttctttg	300
acccttcctt	tccggttttt	gaagataaag	caggaagtaa	tcttctctga	agataacttga	360
taaaaattcc	caaaacaaca	aaacacatgc	ttccacttca	ctgataaaaa	atttaccgca	420
gtttggcacc	taagagtatg	acaacagcaa	caaaaagtat	ttcnaaagaa	gttaagaatt	480
cttagcaaaa	tagatgattc	acatcttcaa	gtccttttgg	aaatcagtta	aaattaatcn	540
tttcccantt	tcan					554

<210> 6734

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6734

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gtaaggcctg	agtgaactgg	aaatttagtac	atttcttgaa	ataatacaaa	tgaatgtgag	360
acacatgggt	agaacagcag	attcagaaaa	aaaggttaag	tattgtagtc	ccaagtttta	420
taaaagacat	caagtaaggc	cagcaataga	ggaatcaagt	tcttttcggg	ttccctgggg	480
gggattncta	tcactttacc	gtcatgaact	gggattgnaa	aagngaaagg	ccttgacttg	540
gtttggagg						549

<210> 6735

<211> 547

<212> DNA

<213> Homo sapiens

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<400> 6735

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aggtgtattc	ctcttacgat	gcccaccctt	aactcaccgt	gcattgcctg	agggccctgg	180
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gagataggca	aacaagaaga	agccacccaa	tgtgagaaag	aaataagcaa	cgggggtgat	300
gtccgtcttt	atgccagca	aagccagccc	cagtaggaag	gaggcgcagc	acaggaggag	360
aagcggcttc	tcagtctccc	cagtaagtgc	attggcacca	tggcccctcc	caggcttctg	420
caaaaagaca	cacagctatt	gggnctacac	tagcaattgg	tgatcatggc	gtgtcagatc	480
caaagtaccc	atatgaaaat	tcttggttgg	gttctaggtc	ttcaatctca	aataatcatc	540
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<210> 6736

<211> 503

<212> DNA

<213> Homo sapiens

<400> 6736

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agaaatatac	acacacttca	aacctgggaa	atcatcctat	gaatctgctc	tgaccaatat	180
ggtagccact	aatacctgaa	atatggagta	accaagtaac	aaatTTTTaa	atttaaaaact	240
gatactcatt	tcagttattg	gaaaactttt	aagcacattt	agaccaacat	gggtatgtaa	300
atttactttg	caaattttaga	ttttatgaaa	tctaaacatg	gattaagtat	tatcagtaaa	360
acttttagtgn	ctcaactgag	atatgcaaac	cagacagact	tagtttcata	agaatgaaaa	420
atatcttact	ggaataatat	ctnccatgna	ttgnggtnaa	tatattaaaa	ttaatttacc	480
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<210> 6737

<211> 508

<212> DNA

<213> Homo sapiens

<400> 6737

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ggattacagg	catgtgccac	catgcctgac	taatttttgt	atttttagta	aagtctgggg	180
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gctgtgttct	aatgccagct	ctgcccaccc	agctgcacaa	ccacggggca	agtcatgcca	360
cccgtcaagc	gttcagattt	ttcaagctag	atgaaggaaa	aatgactgac	ttcccaagaa	420
gtccttgcaa	ctctatata	ttaaagcttc	tctgnacttt	caaaaangaa	ccnnnancaa	480
ccccaaact	tccttaaacg	canttact				508

<210> 6738

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6738

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aagtgtctggg	attacaagca	tgagccaccg	cgcccagcca	aggacatta	cttcttaagt	300
acagaagcat	cagtgaaggt	cagtggcatg	atgcgctggg	ccgtcctcca	caggttatta	360
taaagaagac	atccatgagg	accaatgtca	cacctgccag	gaaacactcc	ccagtcccct	420
gaagggcaaa	ngtctggctt	tccaaaaacc	tggggcctgg	tctttttggc	attctaattg	480
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<210> 6739

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6739

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acaggtgtgt	gccaccatac	ctggctaatt	ttttagtatt	tagtagagat	ggggtctcac	180
cacattagcc	aggctggtat	cgaactcctg	gcctcaagtg	atctgcccac	ctcagcctcc	240
caaagtgtctg	ggattacagg	cgtgaaccac	cacacccggc	ccgtcttaac	agttttctata	300
ctccccaaga	gtgagttgca	aatgaactaa	aagtcaagct	tgtaagagct	atttatattc	360
cccaactggg	aatggaccca	taagtatagt	ggctgcatct	tattcacctc	tgtaagccccg	420
aacctgacac	attgctgggtg	cagtacatac	ccanggggat	atgtgctgac	tttttaaaga	480
atttggaatn	caagggccag	tgtcaaattt	caatctaaga	actggattca	ttggcnaaga	540
ncctganattt						550

<210> 6740

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6740

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cctaaggaag	gaaacacaga	agaagggaac	agcttcctca	cctataaaat	aataaaaatg	180
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ttttacccaa	atagtctaac	atagaaatag	gcctggaaac	aggaggagta	acataaattt	300
aaggcttacc	agtgtataaa	gtaccttcta	ttatcatttg	atcctcacta	ctcagtttaag	360
aattatctct	atttttacat	attttttaaa	aaggcatcag	tgaaataatg	tgattacott	420
caaggncacc	cactnggtaa	atggcttgga	caaatcctca	ttaaccctac	tatacccttt	480
tattntgaga	aagtcagagt	ancnggtgg	aagcctgact	atttaatacg	gatccaanat	540
ggaaatccaa	atc					553

<210> 6741

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6741

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ggcaggaaaa	aaaaacccaa	gggaacaaat	acaaacagca	cagcgttccc	cacagtcttc	120
tgctctgctc	tcctgcgagc	cggggaagga	gaggggcagc	ctgagctcgg	gcgggggctg	180
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tgggccaaagc	caggcattag	cacaangnaa	cttggtgggt	aagtgaagtg	acttcccttg	540
agcctn						546

<210> 6742

<211> 499

<212> DNA

<213> Homo sapiens

<400> 6742

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gagaaagaca	catacaggcc	actgtttaag	cctagaaaac	atcccttatg	ggagggtttc	180
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cattgtagaa	tgttcagcag	catccttggc	ctctaccac	tagaggctgg	tagctccaag	300
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tagcccaaaa	ttgagaacca	ctgcttaagg	ggggaaaaaa	agaaaaaaaa	gttcccttan	420
aatgatgaan	ggcaaccctt	ggcanggtca	gaaaaantgg	ggccanattc	accctggctt	480
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<210> 6743

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6743

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catacttaga	aacatcctgt	agaatcaaag	aaaaatgctt	cctgcctttg	tacagaaaaat	180
taagagattt	ttcaaagtga	agaaaagcaa	tttaattacc	attaaacaag	gtttaactgc	240
tgtgggcaat	catttctctg	ttgagaagca	taatttcaact	tgaaagaaac	cagattggcc	300
cccggccctc	ttttggctta	tcctcagcaa	gaagcgactg	ggaacaactg	actcttgggt	360
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gggaaacccc	agaatcaggc	cactcctgtc	cttgctcctg	tctgctgctc	ggaaggggccc	480
cccacagcag	aaacatgtga	tgccctcctt	ttctttggcc	ttntacagaa	gggcagacat	540
gggtntn						547

<210> 6744
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6744
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ccctggctaa gtatttcctt tgtactagaa atcagatttc tctggcacia ttccattgcc 120
tgcaatggtc tttatcaaaa ctacaaaagc cagcacacta tttcaatatg tattcagttg 180
ttcatatcta aatacctcat tagctatgaa acaaaccaaa tataaatgct gaatatacag 240
tacatagcaa cagatttctt acagaagaaa acaatgaaag actaattttc tacaatatgt 300
tacctgttca ttagtttctt aataacatta cttaggctat ttcaaggata acaaaaatgta 360
tgcgccacta cccatgtttt cgcaacattt ttacctagg ttctaaaggg gaataaatga 420
gggatgccgt ataggcagaa ttatttttat aaactttcgg angttcnttt ggggtggggca 480
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<210> 6745
<211> 516
<212> DNA
<213> Homo sapiens

<400> 6745
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gatgattgat gccccagttc acaaaccata tctttttctc tttcagcaaa tcctggagcc 120
ccaagagggc tgcagcctga gtgaagtggg gacatcagaa cctgccctcc acacccaaca 180
gctggactgc agcctcctgc aaggcctggg ggatgtgcct gacctctctc tgggacagag 240
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gaggaagaga acacaggtga gtgcgggatg aacaaggctg tgcctgaagg agcagtggtg 360
cttgccctgg ccagatctcc ccaactgcag tggagaactg aggttggaat ccagggtacca 420
tttaccgntn acaatctgna tcttatcagg gggaaaangt gacagtcagg ggaacattcg 480
cttggaactna aggangcttc tgggttncac tggggg 516

<210> 6746
<211> 543
<212> DNA
<213> Homo sapiens

<400> 6746
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tacttgcaac ctccgtctcc tggctccaag caattctcct gcctcagcct cctgagtagc 120
tgggattaca ggcacgcacc accacacctg gctaattttt gtattcttac tagagatgtg 180
gtttcatcat attgatcagg ctggtctcga actcctgaca tcatgatcca cccacctcgg 240
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tgntctagaa gcaagactcc tctaattgat cataacacca agcctacccc ttagctgaca 420
agtcaaattg gtggttttgg gtggntcaaa tncaggaaga caccctttgg gatacattga 480
ctaantagcc aagaataana aggcagggga aagaaattat ctaaattatt ttggctaaac 540

ctn 543

<210> 6747
<211> 552
<212> DNA
<213> Homo sapiens

<400> 6747
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ctcatctagc tttaggtgct taagagtcca ccagacctgg ccggagcagt ggctcatgtc 180
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gnggcaacca tgacagcaac agncttaaaa caggatcaca ccattagcat tcn cattaaa 480
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ntttggacca na 552

<210> 6748
<211> 539
<212> DNA
<213> Homo sapiens

<400> 6748
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gagcaatcct cctgagtcag cctcccaaag cagccacggg gccagcctc aattaagttt 120
tcaacagtga attggactta aattgtcttc tgtttacaat ggctgaaatc catttaaat 180
ctcttggtgg tcctttgttg attcctggag atttttgtac tgtacttgcc tcattcctac 240
acatacttta attgaataaa atgggagaat gcattttccc aagtgcctaa agtgactgtg 300
gaaataacca gggagagtta ctattttcag tctacaacat atcatattca gatacatatc 360
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tcctccttat ataatgattt tatctgagca ccaagggggg cctttacatc aaataaactt 480
tatgacaatc caccaggcca atttactacc tcaattangg catggtacat aaaaggnga 539

<210> 6749
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6749
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caagatctgc ctcccgggtt cagccatttc tcctgcctca gcctcccag tagctgggac 120
tacaggcgcc tgccacctcg accggctaatt tttttgtatt tttagtagag atggggtttt 180
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aattaacaac ttcatttgtc tgaaaccttt ttgtctaatt tgtaggata tgaggctaatt 360
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ctttgaaaag	agctaaacac	aaagaatgaa	tttacgtgag	aaaaagtaat	ggntttcant	480
aaaaagcagt	caatgccttc	ttntgngctt	ggaaaatatn	tnaagcctan	ttttactggt	540
ttaa						544

<210> 6750
 <211> 543
 <212> DNA
 <213> Homo sapiens

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caggcgtgag	ccactgcgcc tgcccttggt acgattttta aaagcctacc tggttgtagt 180
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ggatgttgat	tggcttggt ntgtaacgggt ttttcatgag aaacatcctt tggctactan 480
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tna	543

<210> 6751
 <211> 547
 <212> DNA
 <213> Homo sapiens

<400> 6751	
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caacttccgc	ctccctagtt caagtgattc tagtgccctca gcctcccaag tagctgggat 120
tacaggctcc	caccaccacc tccagctaatt atttgtgttt ttgtttgttg tgttgtttta 180
ttttttgaga	tggagtctcg ctctgtcacc caggctgtgt atcaaaattc ccatgaatat 240
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agagaactgg	taaagtcttt tttgatattg ctcccagaaa gtgacagaaa gtgactcaat 360
tcaaaccatc	atcaacactc tatggggaca taaggcttaa caaagaactt cacttaagtc 420
tatggtcctt	cttccaaact taatgccgga tctcagcctc atcacatatt gaagactgna 480
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gcttggn	547

<210> 6752
 <211> 544
 <212> DNA
 <213> Homo sapiens

<400> 6752	
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cctccataag	ccaccacact cagcttaaac tgtcttaaga ctaagatgct tagagagggg 120
aaagtgggtat	tacagtaagc ttcttgggca tgacttactc acagactatc tactctaaaa 180
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ttcccaactg	gccaaatgac	ttcccttggt	accactgta	tgcaactattt	cccttccgac	420
agtgcgtcc	ccttgnactc	tgtcaagtag	gattaaaact	tttcagactc	aagnattttt	480
cccttttctcg	gggttttcag	anantattaa	ctggtctttt	aaaaggntta	aaggccaaaa	540
tntt						544

<210> 6753

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6753

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tttaaagaaa	aagctttcaa	aacatctgag	ttagcttaat	acacagagac	cctgaaatat	180
atgggaacta	catattttta	atgcttgtag	ttcctgctct	aataatgtct	tctttaaacg	240
gaatccagca	taaaagggat	tgaaatgtat	aaggtcatga	tgcaaagtct	ttggagatag	300
tgaaactgat	ctgcacaaca	tgaaaaaga	tgtcatgtgc	acagaagttc	tgcaaggatt	360
cactgagcca	tctgggcttc	catggcttgt	gctgtccatt	ctggtgctgg	ttgactaatt	420
ttctncaaaa	gggtattcct	tggaacaag	tgattggact	gcttatccac	gttggcaggc	480
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<210> 6754

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6754

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atcatacagt	ttccataaat	ggtottattt	tccttttctg	gttgaaattt	aacccaaaaga	180
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tggtccaat	gagcagataa	ataggaaagc	tatgcatcta	ataaagcaca	gggccaggtc	300
tctataaaga	ttattgagtt	gtaaacataa	gatattctatt	caaaagagac	cactgaaatg	360
gttggggcca	ggttaggcca	aaacttaatg	cattaatgta	aacattatca	gtatgtttac	420
gtacctggtg	ccataccaca	cagaagcttt	ccaattccta	ccacagggag	gttttcttct	480
cttaacacca	ggaatcttgg	tcaaacccca	agggtggaat	ttcaattgga	agcnnittcaa	540
acactggatt						550

<210> 6755

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6755

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gtttcagctc	catcaggtca	ttaaaggtct	tctctatgct	gtttattcta	gttagccact	180
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gctcagagaa	gtttgttatt	agcgatcatc	tgaagcctac	ttctgtcagc	tcgtcaaagt	300
cattctccgt	ccagctttgt	tccattgcta	gcagggagct	gcattccttt	ggaggagaag	360
aggtgctctg	attttttagaa	ttttcagttt	ttctgctctg	gtttctcccc	atctttgggg	420
ttcatctacc	tttggccttt	gatgatgggtg	acgacagatg	gggttttggg	gnggatgtcc	480
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<210> 6756

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6756

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tatacttggt	ctaccatgtg	tacattaatc	cagaaatatg	cattaaaaca	ctgcacagct	180
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gacattatgc	taaggcaaaa	tgtaagtaat	taagggaggg	tgacgaattg	gaggtaataa	300
taaaaaatag	tcatgtagaa	aattataaat	aatgactaag	gtgaaaaaga	aaagtgaag	360
tactgaatgg	gtagaaaggg	aactcaattt	tggttctaag	cattagtatg	aaaagggcct	420
aatgccataa	taaccccatt	ccaatgotta	ctacctgnng	gtactggtta	ggtactatac	480
ttcattaagc	cttacntttn	tggaccggna	aaatggcata	ataggatctt	ctgcaaaggc	540
tatcctggtt	tnngaac					557

<210> 6757

<211> 459

<212> DNA

<213> Homo sapiens

<400> 6757

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aatggtctan	aaagcatcac	ttcatgctat	gggttgaact	gtgccctcta	ataacgttgt	180
tgaagtctaa	ccaccagtgc	cttanaatgn	gacctaat	ggaaataggg	ttgttgcaga	240
tataattagt	taagatgagg	ncatactggt	gtagggtggg	cccctaattc	aatatgactg	300
ggtatcctca	caagaagaca	gcaatgtgaa	gaaacagggg	gaatgcccc	tgaaaaggga	360
acnnagattg	gactggtgca	ttacaatcca	nggacatcaa	agatggttan	cctnatgacn	420
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<210> 6758

<211> 550

<212> DNA

<213> Homo sapiens

<400> 6758

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ttacaggtgc	ctgccatcac	acctggctaa	ttttgtatt	tttagtagag	acagggtttc	180
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caaagtgtg	ggattacagg	cgtgagccac	tgcgcctggc	tcanattctc	ctttcttaat	300
attcacatat	cacttgttat	aaacttttgc	aatctacaga	aggagcagga	tataatacaa	360
aaaaactaaa	aaaaaaagtt	aaaaaaataa	aaataaactt	tggggataat	tagataatct	420
aagaaattct	ttnagnggtt	tttctaactg	ctggggatng	ttaaagggaa	aagaagctca	480
tnggaaattg	aattnggtgc	ttgtggactg	acaaggttaa	gttgggtnc	taatggagga	540
cttttanggc						550

<210> 6759

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6759

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tgaagagtga	ttaggaagtt	ctaaaaat	tagtcattta	tagagtatct	taaaaatcct	180
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gattttcatc	cattttattca	aaaacctttt	aagttcaact	gtccaattta	agacagagtg	360
aagacatttt	tgagtatctg	aactaagcat	tgnttgact	gaaacgaagt	aagaactcaa	420
tgagagcctt	gngggcctcc	agtcatgcct	ttccganat	agggacttca	tctttggngg	480
catacgccctg	ctatggctaa	aagggncccc	ttanggatga	gttccaaatt	tttcaggaan	540
ctgcn						545

<210> 6760

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6760

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ttctcttcat	ttctccactc	acaggatcaa	agggtgcggg	cgaggactgg	gaagcggggg	180
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atcctaggct	cagctgagct	gcaggggagca	ggcccccattg	atctgtacag	cctgtgccct	300
tgagaaataa	acacaactgc	cagaaagcag	cacgcttcag	ctactgctaa	tcccaggcta	360
caagacaagc	aggaaatcag	agggtgccctg	tgatgngttt	tccaaaaagc	gtcagcaagt	420
acacagagca	aggaggaagg	ggacagtcca	atgcaaatnc	ccaattgggg	ttcanaacag	480
ggattaaagc	ttgaacccca	gacagcccca	accgagggcc	cccaatgctc	atcttagcct	540
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<210> 6761

<211> 428

<212> DNA

<213> Homo sapiens

<400> 6761

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aaaatcacaa	ttgctttttag	atgacagtac	tttcagattt	ctaataccca	attactttca	120
tttccacaat	gtcaactgca	tgctgcattt	tcattttctat	agagcagaca	agcttccaga	180
ctgcagacca	agttttcttgg	gtaataatac	tactatcttg	atcatgacca	caggaaacca	240
attttatatt	ccctgtacta	tagagatgag	acattatttg	gtgtatatga	aactcttcag	300
tggttggtgtt	caagaatatt	caaatagtag	ctgaaaatag	ggtttgctag	agcagtccnc	360
atatttcatt	aaaagaaaaa	tgcccagtc	aaacatttag	aantaaatnt	ntngnncagc	420
ctttccct						428

<210> 6762

<211> 538

<212> DNA

<213> Homo sapiens

<400> 6762

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caacctctgc	ctcccgggtc	caagcaattc	tcttgccctca	gcctcctgag	taggtgggat	120
tacaggtgca	tgtcaccgca	cccaactaat	ttttgtattt	ttaggacaaa	atttttgtat	180
attttttgca	tgttttttgt	ataattttgt	atttttgtat	atttcaccat	gttggtcagg	240
ctggtcccaa	actcctgacc	ttgtgatccg	cctgcctcag	tctcccaaag	tgctgggact	300
acaggcatga	gccaccacgc	ctggccta	atttttatac	tatacaagta	taaagtgtca	360
tacctatatg	tgcatgtgtt	taaggataaa	atgngatata	ctgngtaaaa	cacctgaaat	420
aataaatacc	gggccttata	catatttgac	cctttgaatt	aaaagacatg	cttaaaaaaa	480
aaactgccgg	gaattancan	gaaatagagc	tacccatcga	tgnaattaaa	gaagaaaag	538

<210> 6763

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6763

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caacctccac	ctcccagggt	caagcaattc	tcccacctca	gcctcccagag	tagctgggat	120
tacaggaacc	ggccatcatg	cccagcta	ttttgtgttt	ttgtagagat	ggagtttcac	180
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caaagtgttg	ggattacagg	cgtgagccac	tgttcccggc	aataatgcat	atttttcaaa	300
aacagcattt	aacagtgggc	atctgacaaa	tgctcagttt	cctttactgg	gattttccac	360
atgatctgtg	tatttggtgag	gagcctctta	attgaaagtg	acagaaaccc	agcatgtagt	420
ancttaggca	caaaccggat	taatgggcn	aggtaaggaa	nggctaanag	gaactggcta	480
tgaaggatgc	tgaataggaa	cttcctgntg	gcagtacttn	tggccccata	cttgggggncc	540
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<210> 6764

<211> 551

<212> DNA

<213> Homo sapiens

05629469.072300

<400> 6764

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atgtttcaat	aggaccaaga	acgttagaga	ataaagatct	tagatgaaaa	tgaacactaa	180
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atgtccaccc	tggttaaagt	acaatcatac	aatatacctc	agataatttc	catgctacca	420
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agangccaat	taaaggaant	tttaaatcat	ttggaaagca	tngggcctaa	ttggccaatc	540
ngactcaacc	t					551

<210> 6765

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6765

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tac						543

<210> 6766

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6766

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ctctttacta	tggtaaacta	ctaagaaatg	caatctctat	cctgagaggt	cccttttagag	180
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tattcttgat	gtgcatggat	aactgaaagc	agactacttt	ctaaaaatat	tacttgagtt	480
gatttttttg	gggtttgatt	ttagaccag	tatnctaaaa	ttttccttta	agnocataa	540
accc						544

<210> 6767

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6767

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ctgcgtgaaa	tcattaagga	aaaccttgaa	cactcaaagc	ttcaaagtga	tccagggaaa	180
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cttagtctca	tgtataacag	ttggttttta	tctttcttnc	ttaaaaatcc	ttatcntaan	480
ccattttggg	cataggcttt	ttttttttta	acttgnctga	atagggccca	agncccttgg	540
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<210> 6768

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6768

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aatcctccca	gccttccaaa	gtgctgggat	cataggcatg	agccattgta	cccagcccat	120
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tatatttcaa	aggatgggta	aggtaatttt	taaaatttcc	atgggaaaaa	ttttaatcca	540
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<210> 6769

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6769

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aacacttttt	cccaaaaacc	acaataaata	attttcaaac	cagacattgt	acaattttta	180
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<210> 6770
<211> 529
<212> DNA
<213> Homo sapiens

<400> 6770
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<210> 6771
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6771
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gaaanggaga aagcaaagtc acaatccgat ncaaacttag aagaaaatcn tagttggtg 480
attaacaagt tgtnggccct tgcaatgtac ccgaaaata atgccttact tccaaagcat 540
ggctttcaaa cctactt 557

<210> 6772
<211> 563
<212> DNA
<213> Homo sapiens

<400> 6772
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tactggcatg caccaccatg ccctgctaatt ttttatatt ttagtagaga cgagggttca 180
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aaagtcaaaa aaaaatcttc cttcttagaa gtattgcca agataaaatg aacatcaagt 360
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ctacgtgggt gacagaagga nggaaaaatg aanaaggaaa gcaagtgcct ggggtggtgng 480

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aaccttttgc ttttttttcc tggnaaaggc ttctgggggt tggggtcctt ggnctacctt 540
ggangccnct gggggtaana ctt 563

<210> 6773
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6773
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ggccaanggt ccacct 556

<210> 6774
<211> 547
<212> DNA
<213> Homo sapiens

<400> 6774
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gagattacac cactgnattc cagcctaagg ggacagaagc gaggactccg ncttnaaata 480
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<210> 6775
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6775
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tcctgccacg actgactctg gttctaattg ttgttcagtc tcttcaaact gcattttctg 300

ccttttaagt	atgcttttga	attttctgtt	gataggtaga	catgatacac	tgggtaaaag	360
gaattgcagt	aaacagggct	ttcatcctgt	tttcaggtgt	tggggtggga	aaagtgttct	420
atgatactat	gagcagggct	caagtcttgc	tgaacttgng	tccctgggct	atgaacttnc	480
caagtgcttt	tcaactttcc	ccaactgcat	taagggggac	agaatatnnc	gaagtactag	540
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<210> 6776

<211> 494

<212> DNA

<213> Homo sapiens

<400> 6776

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ccaccatgcc	tggctaattt	tttgtatat	tagtagaggc	agggtttcac	cgtgttagcc	180
aggatagtct	cgatctcctg	acctagtgat	ctgcccacct	cgggctccca	aagtgcctggg	240
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aacaaaaacc	tactgggcac	attttatgtc	aaagcacagt	gcacaagctg	tgaacaaggg	420
anaaataatc	cttgctctat	gggtaacaca	gaccattntg	aaangnctng	acttggggna	480
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<210> 6777

<211> 555

<212> DNA

<213> Homo sapiens

<400> 6777

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gcttggctaa	tttttgtgtg	attttttttt	tttttttgta	gagacaaggt	ttcaccatgc	180
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tgtcgggatt	ataggcatga	gccacagttc	ctggcccaaa	ttcttttttc	ccccccatag	300
aaagcagaaa	aataatttat	tccgaaagac	ggcagaaata	ataaattcat	cctgaaaata	360
cagtaaggng	taattctgtt	gagacagctc	ttccctctga	aaatgctctc	ctactgactg	420
nccactgga	gtattacttg	gcttgacgca	atttctaaac	acttcattgg	gtcccatgtg	480
aaaangcagg	agccatnttt	aaaagcccag	atttcaaggn	ggcngtacat	atttttcaaa	540
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<210> 6778

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6778

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ttacatctta	atgagcccac	agctgcctgt	tgacctgggtg	tcatacagag	ggtgatcact	180

09629469.072800

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gtgatgagat	tccagtgaag	atcagcattg	agggcctcag	gtgtttgcag	ggggctctgg	360
tatgttagaa	aaactagagg	gaggggtctg	cctttgtgtc	tgnttgtgaa	ccgtgtctac	420
tcaagtagga	aaggggagca	cagattttta	caaatagat	gtgggcnggt	tcttignaate	480
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<210> 6779

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6779

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gcaccatcac	accagctaa	tttttgtatt	tttagtagag	ttgggatttc	actatgttgg	180
ccaggatgg	ctggatatcc	tgacctcgt	atctgctcac	ctcagcctcc	cattcatctc	240
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aaggggctaa	ggattcaaaa	tcaaataaac	ctcttttcct	gatattgggt	ctttgtcttc	360
atacacttgg	cataactgtg	gagatgaagt	ttttgtacat	aaactgaaat	gaantgggct	420
tcattataat	gatttggtaa	aggggtgatg	tttggtctct	gataaactaa	cttgagaaaa	480
acttgnnacc	tcactggnaa	actctgactt	ggngaactnt	ttcctaangg	gncctnaaag	540
ggggggccc						549

<210> 6780

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6780

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gaagctttta	gtcccatttt	tatgtgttag	ggaaactgag	tcttgagag	actaagatac	360
atttcagtgg	tcacaaaagc	tcataagcaa	acttgttagg	tgaggatctg	aaattaaggg	420
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<210> 6781

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6781

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cccagctgct	tgtaacattc	ttgaaatgtt	gactccattg	gagtgaccag	cagagcttgc	180
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gatggatccc	tcataaatag	attaatgccc	tgccatgggtg	agagtagtga	gtgagttctc	360
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ttcctctcta	ccctgngatc	tctgnacaca	ctggcttccc	ttnccttttg	ccatgagtgg	480
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<210> 6782

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6782

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acatcatcca	gttaagtcca	ttgacaccaa	gtacttattg	ttggggcttt	acaaagacta	180
caaaactttt	cagatgattt	atttcaactgt	ttctgcctat	ttacatgata	tgttacatca	240
aaatgtacaa	aatataaaat	gtatacagac	aaatgtttca	caaactagtt	taagttgtaa	300
actaggtgga	cctactgggg	tgtattgcag	gaaattctgt	ttatgctcat	gtttggactg	360
tgttttctca	aatggcaggg	aaagattagc	aattttctta	gatcacatat	tatacaaggg	420
aaactagtca	ctcatccagc	tacatatatt	ggatggttca	caacagattt	gaccatgggt	480
gangntttta	aggcangggg	acaattctat	ggggcctnaa	atcagtcgga	ttcccttang	540
gcaatagcnc	cgggtang					558

<210> 6783

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6783

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tcccacctca	nacccccagg	taactgggac	caaagacaca	cattatcaca	cctagctaaa	180
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tcaagtgacc	tgcttgccct	agcctcctta	agtgctagga	ctatagggtg	gagccaccat	300
aaccagcctc	tatcatcttt	tatcctaaac	tcccatgtaa	taaatattgg	atcttcttcc	360
tttattaagc	atgcatgtgt	ctaacctctc	tggtttttcca	tcttcttctt	ctggtccata	420
ttctgagtaa	ttatttcgga	tctatatatt	aaatcactta	atttctccta	agctggttct	480
aaacagctac	ttaacanttg	cattaaaata	atcctttaac	ctccttttaa	gcaactttat	540
tgggacaaac	ntataaa					557

<210> 6784

<211> 563

<212> DNA

<213> Homo sapiens

<400> 6784
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agttcccaca cacctcctcc caccacacag gcacagggtc ctttactacc atcatcccac 120
atcagactgg tacatgtgta actgatgacc ctacacggac atgtcattat tgcttanagt 180
tcatagtcca tacgagggtt cacacttcgg agtgcacatt ctgtgggtct ggacaagtgc 240
acagtgacat gcatccgcca gtgtaatatc acacagagta gtttcaccgc cctgaaatcc 300
tccctgttcc accttttcat ccctctgtcc tcccagcccc tggcaaccac tgaccttttt 360
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gtcttttcag agtggcctct ttcacttaag taatatgcat ggaaagggtc tncatggctc 480
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<210> 6785
<211> 514
<212> DNA
<213> Homo sapiens

<400> 6785
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tacaggcgcc cgccactgng cccagctaatt tttctgnatt tttagtagan acgggggttc 180
accngngnct ccactctctg acctcgtgat ctgcccacct nggcctccca aagngctggg 240
attccattta aaggnatgca tttctgatac ngaaagagct ttctcatgan cctgaaacaa 300
tgtaataacc atgcaatgnt atatcactga ttatgnttca ctaatgntgg ctgaaattgg 360
ncaaaaagtt ttttggaat ccttacnaag atcaaatatc taantcttct atggatcttt 420
ctttttctct aaantttgaa taaatatcta aangcnaaga tgctgggcca ntgagggtta 480
caagtctctt aatggaaggg gcttaaancn tnaa 514

<210> 6786
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6786
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taccaattct cttttggacc tcatgcccac tacttttttt ttttttaatt tccaactttt 180
atttaaagtt ctgggggtaca tgtgcaggaa gtgcagggtt gctacatagg caaatgtgtg 240
ccatggtggt ttgctccacc catcacctag gtattaagcc cagcatttat taggtattct 300
tcctgatgct ctccctcccc tcttccctc aacaggcccc agtgtgtgtt gttcccccat 360
gtgcccattg gttttctttg nttaagttcc tacctataag tgagaacatg cgggtgtttg 420
ttttctggtg ctgngttaag tttgctgagg ataacgagct anccatattt caagggtcca 480
atactatggt ttgcttaang ctaacttaat gggnnagngc ttaaatngac atttcatcaa 540
ngcaaaagt 549

<210> 6787
<211> 556
<212> DNA

09629469.072300

<213> Homo sapiens

<400> 6787

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taactgatga	ccctacacgg	acatgtcatt	attgcttaga	gttcatagtc	catacgaggg	180
ttcacacttg	ggggtgcaca	ttctgtgggt	ctggacaagt	gcacagtgac	atgcatccgc	240
cagtgttaata	tcacacagag	tagtttcacc	gccctgaaat	cctccctgtt	ccaccttttc	300
atccctctgt	cctcccagcc	cctggcaacc	actgaccttt	ttactgnctc	catagtttta	360
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<210> 6788

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6788

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attttcttta	aaaataaaac	tctgtatttg	taatgtaagt	caggagtaaa	tacagatttt	180
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gtctggggta	tccaacttgg	gaaattcaga	gcctcagtat	ttagaaagaa	aatccttcct	300
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cattcaacta	tttgggtcaaa	atagaacctt	attggcaatt	ttgactttca	caccacacga	480
atgtacccga	gaagttggna	ttccccangg	caattttttt	tttttagcgcc	aatgacaacn	540
ccattaccct	aanttttaag					559

<210> 6789

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6789

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acaacctctg	cctctcggat	tcaagcaatc	ctcctgcctc	agcctcccaa	gtagctggga	120
ctacaggcac	gtaccagcac	atccagctaa	ttttttgtat	ttttagtaga	gacagggttt	180
caccatgttt	gccagatggg	ctcgatctct	tgacctcgtg	atctgcccac	ctcggcctcc	240
cgtagtgtctg	ggattacagg	cgtgagccac	tgcaaccagc	cagaatttaa	tattcttttag	300
ctactttgac	tctaagtctg	aaaagaatca	ttttagaacc	tgcaaaggca	caggaaataa	360
ctaaaatccc	caaggaaata	tctaaaattg	gccttttaagc	agaagagtaa	cataaacaat	420
gctggcttct	cctgatctct	atctaagtca	anggtttnc	aacctttttt	tctggctcta	480
cctatttaca	agtgcangct	acttccatcn	tggatatctt	aancntttta	ttctccgnaa	540
gccagggggc	cta					553

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<210> 6790
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6790
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tccatgttat tcaggctggt ctggaactcc tgacctcacg ngatccgccc gcctnggcct 240
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<210> 6791
<211> 531
<212> DNA
<213> Homo sapiens

<400> 6791
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ctggggagaa aaccatnnga aaaaaaccca acctatattn caactggttt ttnaaagtcc 480
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<210> 6792
<211> 569
<212> DNA
<213> Homo sapiens

<400> 6792
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acctatccaa aacaactgtc aacggagggt tttccgaggt atcaagacag taacaacaac 180
aacaatttaa aaaaaaacag aagagaactc aaataactct ttcgacatgt agtgaggcag 240
agtctacgaa gtaccctgaa gcagttgggt gccgtgaatc ctggtggtgc ttcagccaat 300
gatggcagca gggctggcca ccgtggaagg caagtactg agggcttcct aactcaagtc 360
tctgtcccac aagacttctc agttgacctt cagagcagcg gagtcacggc tagagagaat 420
cctccagacc atctcangct cgcactactg cagtctttca aatgccctta gagcacggct 480
tnagaacaat ctctttgctt tctttcccta atgagaacaa ttcggcggtc ttttactttt 540
tgagctcaaa tanttaccat cttattaat 569

003220.69462960

<210> 6793
<211> 555
<212> DNA
<213> Homo sapiens

<400> 6793
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actgggacat gccccctgaa ttgcaagttg gagttcgtaa gaatctactt gctggcaagc 180
cgttttcctc cctgagaagc acacttcccg cttccttctc tccttccagc atcttctgtc 240
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tgtgggtttc tctna 555

<210> 6794
<211> 565
<212> DNA
<213> Homo sapiens

<400> 6794
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aacctacacc tcccgggttc aagtgattct cctgcctcag cctcttaagc agctgggatt 120
acagggtgtc aacaccatgc ctgcctaatt attgtatatt tagttagtagac ggggtttcaa 180
catgttgggc aggctggtct caaactcctg gcctcaagtg atcctccac ctcagtttcc 240
caaagtgtc gaattacagg cttgagccac tgtgcccggc ctcatattatt ccttcttatt 300
agttgctatt ttggttcagt ttgcaccaact atagtcctct actagtacaa acattaagga 360
tgatcatggg aaaacagatt tggctgggta gcaaaaatat gataaaggca tatcaagtat 420
tagttgtgaa acttaaatat ttcttggctg ctacaaaaaa gaattacata cattcaggtg 480
catattctga atctgacaaa aatatattaag atagctcgta atggaataag acattgaact 540
tcttattatc aaggttcntg aggnc 565

<210> 6795
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6795
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ggatagtaag gattagtttc tgtctcatac atacatgaaa aagtagccag atgcattttt 120
agtcacatgg ttttaacttct ggttgctgtc tccgtgaaat ccagattgtt ctggggaggg 180
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acatatgaat cacaggtttt cctttaatct tataatggta aaaccatttt taanaccnta 480
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<210> 6796
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<212> DNA
<213> Homo sapiens

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atttcctcct tggttttgaa gttcctttaa gaagggattt agaattttaa tagtatgggt 480
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<210> 6797
<211> 564
<212> DNA
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<400> 6797
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caggcatgcc ccaccacacc cagctaattt ctgtattttt gtagagacag ggttttgtca 180
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gattttactc cagcgacatg tactggtgac catgatgtca ctctgtgagc tggcctacca 480
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<210> 6798
<211> 508
<212> DNA
<213> Homo sapiens

<400> 6798
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caccactcat ggctgtattt ttttcataga gatggggctct ccctgtgttg cccaggctgg 180
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<210> 6799
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 6799						
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tacaggcgcg	tgccactatg	cctggccaat	ttttgtatt	tttagtagag	acgggggttc	180
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<210> 6800
 <211> 560
 <212> DNA
 <213> Homo sapiens

<400> 6800						
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tttacctaca	aatcatagtt	ctgggaaaat	gagaaatgtc	tgctgtaggc	acttattcaa	420
gtactgcaag	tcatgtgccg	gactaaggca	aacatgactc	ggaatctgac	gottgacct	480
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<210> 6801
 <211> 551
 <212> DNA
 <213> Homo sapiens

<400> 6801						
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catattgaca	tgatatagga	tgcaagatat	aaatatcaat	ttaatagaca	ttattaaata	180
atTTTtact	tagtagaatc	ttggataaat	ggttaaaatt	atagattgac	attaaagtgt	240
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ctggagaagg	gctgtttctt	tctgaatttt	ctccaactga	tttttttcta	gctgttttcc	420
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003270.69462960

tgtggggcag a 551

<210> 6802

<211> 517

<212> DNA

<213> Homo sapiens

<400> 6802

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aagttaggct	cagtttggtc	acagggactc	caatacagaa	gtacggagtc	ottotcaggc	360
catatttagt	tcgctttaac	aattccccct	ttttggtcat	tttatcagtt	ttgagagatt	420
gatccgaaac	ttggagttat	tgatgccctg	tcaccatggg	cttgnaaccc	cctnngaaca	480
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<210> 6803

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6803

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ttggactgtt	atggccaata	aaaacgaagt	ttaggtcaag	tcttgtcagg	atagcctgac	180
taaaaacatc	tggtctccta	atttaaaaata	gttcagacaa	ccagattcct	gctgtgtttt	240
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gcaaggtcca	tanggtcctt	aataccnccn	taataatctg	gngcatcatt	aggggctact	540
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<210> 6804

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6804

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ctgacctaca	gacacttttt	agaaaaaagt	attactagaa	aggaacctga	acgtacaata	180
gtgtcttctt	ggggaccatg	gattcccttg	agactccagt	gaatgctttg	gacactctac	240
ccagataaac	tcacaatcaa	atacttgctt	ataatttcaa	aggatcctat	gaccctctgg	300
agtccatcca	accatgatta	catcctatga	actgagctgc	ccctccagag	tcaccactgc	360
aactgcccac	ccccagcag	tcgccaggca	cagggctccg	gaaatgggca	ggcagatcca	420

cttcagcggt	gcatatttnc	aagacaggat	gaccctcatt	tccatcacag	gttgnanggc	480
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<210> 6805

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6805

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aaggaaaaca	ctacccta	caaaaggcca	caaaatgtat	tcacagtaac	agcttcact	180
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atcacttatt	tcttgatgan	ggtaatggnt	cttctagggt	tttcccagga	ctttaacatt	480
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<210> 6806

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6806

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tagacattca	taaatgtata	ctottacaca	tttactgtg	cttttgagta	gtgaaataca	360
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tggtagcatc	acgtataatt	tnaataaata	attacnttat	ttgctggaaa	taaatcaatt	480
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<210> 6807

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6807

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gctgtgttca	ccaaacttgc	ctgacccttc	ctcctcctgt	gctttcactc	actctcctcc	180
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<210> 6808
 <211> 547
 <212> DNA
 <213> Homo sapiens

<210> 6809
<211> 566
<212> DNA
<213> Homo sapiens

<210> 6810
 <211> 510
 <212> DNA
 <213> Homo sapiens

<400> 6810
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aagtaagaga	ccacggggac	aatttcaagc	ccccagctct	ccacaggggc	tantccccct	300
ggctacctgc	ctggctttct	ctctcctggg	ctaggggctg	gggaggtctg	cggngctcan	360
tcctggccct	gcantatccc	aacaccctgc	tctggggctg	tctccacagc	caaaggctaa	420
tgcctnaggt	cacanaagtg	cnanggacaa	gggccaccgn	tccccgctgg	gctcatccan	480
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<210> 6811

<211> 466

<212> DNA

<213> Homo sapiens

<400> 6811

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gagcgagacc	ctctctcaaa	aaaccaaaca	aatgcagtgt	ggttgctgga	tgggggtcca	180
gaacagaaag	ggcacgcatg	ggaaagccac	agtcttcagt	tagtgtggtc	tgcagagtgt	240
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<210> 6812

<211> 566

<212> DNA

<213> Homo sapiens

<400> 6812

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atatgttgcc	gggaagtcag	ggaccccaaa	tgganggacc	ggttgggaacc	ntggcnnagg	540
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<210> 6813

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6813

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<210> 6814

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6814

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<210> 6815

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6815

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<210> 6816

<211> 561

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 6816

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<210> 6817

<211> 546

<212> DNA

<213> Homo sapiens

<400> 6817

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<210> 6818

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6818

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ccctataaat	atnggagtc	gcaaaacctt	tttgaaaaaa	gcncaggccc	aaancctact	540
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<210> 6819

<211> 531
<212> DNA
<213> Homo sapiens

<400> 6819
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gttatgtatg gaagaatgta tgttaactct ttcaggacat aagcccaaaa gtcaacagaa 180
atttgaattt tttttttcta ttttcatgct gaaattttaat tcatcatgaa ttgttttcca 240
agggtgaaat tttctttcct caactttttac atgactttgt aataagagca gttgtacggg 300
ctcacaaaaa taaaagacgg atgatggagt agagatgttc agtgtaaata tttagtacag 360
gggctggcgg ctttttaaatt tgcattctga gctgantgna tctgctgatt tccatctgc 420
taatattttc ccatctgcta aaacctgntt ccangggaaa aaggcctctc tggctttctg 480
gcctggttta accctcatgg ncccccttan ccggacctg gnaanaactn c 531

<210> 6820
<211> 570
<212> DNA
<213> Homo sapiens

<400> 6820
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aggcatgcac caccatgcct ggctaacttt gtatttctag tagagatggg gtttctccat 180
gttggtcagg ccggtcttga actcccgacc ccaggcgatc cacctgcctt ggctcccaa 240
agtactggga ttagatagta gataggcgtg aaccaccgag cccagcctat ctaccctcta 300
attcttaatt cataaaacat gaatctcttc aaaataaaaag tattccatta aagtccaaca 360
aaggctcttt acctaagcta aactgactga ccacagtcga caatcttagc taccacctat 420
gggacattta atatgagctc tgcgttggtg attactttta tcgctaagct ggtattacaa 480
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aactggctcc aaaagcnaaa atgcgggaaa 570

<210> 6821
<211> 583
<212> DNA
<213> Homo sapiens

<400> 6821
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tttgttctgg aaggtaaagt tttctctttg ngctctttat agtaacttgt aaagaattt 120
gttatagggt ctacattttt gtcaaagtgt gtcacaaaga tttaacgata taaggaacaa 180
tggtactctt gtatgtttgt tgaattctt cactttattc aagtacaaat ctattgaaaa 240
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cttaatcctg agcaaaatac attgaggaag actttctgag aggactggga aataaaggag 360
agaaacagat aaaactcaaa cgagggtgatt aaaaagaccc caacaggtaa gttttactgg 420
ctagaatgct ttcttttgca ttggcacttt tcagaaaggg gggatttctt cagacctcgg 480
agagggtttc cagtanccta agcggctcatg taanggttgg caatgacctg nggaaatttt 540
ncatnttacc cgcagccttg gccgggtact ggaaggcaat gnc 583

<210> 6822
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6822
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cactgcatcc ccctcttgac aggtgggggtg agtggagctg acagccgtcg cattagctgg 180
ctttggtgga accctcatgc cttgtggttc ccccgagctc aaaaagagtg attccagggc 240
cagcggacac actcacacat ttttacttgg tgttccaatg cctccccgc agctatttct 300
aataatggta attataatga tttgaggctt aagcagggca attccggcct gaaggcagat 360
tgtaatgaag tagtcagggt gaagggagggt gagaggggtc gcagtgggaa gaggctggat 420
ggggcacttt caggccttca atagctttgn ctagtcaagt gcaaccagga tggcctcatc 480
ttttgagccc aacgntttga cttgcaggat attcagaagc ccgtttctgc ttggaaatgg 540
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<210> 6823
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6823
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taacaaaaca gctcttcaaa tcccgacaca attgaaaaca ggaaaactga ttgcattttc 180
tcttatcact ttccctttct gaattgacac ttttggcctt ctgaaaattt acacatggct 240
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aaatatgtta agtcccttct ggnttttttt tttcatattc actctctgga tgggtcaaat 480
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tgtgaaaagg naaattcccc caggataacc aatcct 576

<210> 6824
<211> 538
<212> DNA
<213> Homo sapiens

<400> 6824
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acaggtgcac gccaccatgc ccagctaatt tttgtatttt tagtagagac agggatttca 180
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aaagtgctgg gattacaggc gtgagccacc acatccggcc agttagtatt ctttttacct 300
tctaaatact tctttttaaa accacctatt tcttgactct agtttctctt ccccatcctc 360
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009240" 69462960

gactggcttc atgcttcaga attcataccc tggaatncac ctttcccact gntgatagaa 480
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<210> 6825

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6825

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tgtaaagtaa ctacagaatg aagtattcaa cccacagaaa ggaactgcta acacatgtaa 180
cacggaaaat agctgataaa agtctctttg gtgccattca attatggcat cgcgagaaac 240
acaaaaatcc tccaatttat tttagtataa tcttcattta ttcattattt cagaggctga 300
gcaaattggtt tgtgtaaaca tatccttttg taacacgcgc atgtttattt tagccatctg 360
aagacttctt ctatgtttac ataagccatc agacacatac aaccactcac ttggtggctt 420
tgcgttttct tgaaangggg gaaggggagag aagagagaat ggaaccatta aatcagggtc 480
tcttttgcac aaagccttcc tttaaagggt taaaaaagct tatgttaaaa tatctnggat 540
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<210> 6826

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6826

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cttaagaaac agggaaaaaa aaaacctgta attaaacttg tgccaagatt aaccaacagc 120
ctctactgct tgtttcccat tattacagggt tgggtatccc ttatctgaaa tgcttgggac 180
cagaagtctt ttanactttg gtttttttgt gtgttttgga atatctgtat tatatttact 240
agtcaagtat cccaaatccg aaaatccaaa acctgaaaag ctctaattgag cattttcctc 300
cagtgtcatg tcagtgtctg atatggtttt gctctgtgtc cccacacaaa tctcatgtca 360
aattgtaatc ttcggtgttg gaggaggggc ctggagggag gtgactgaaa catgggggca 420
gacttcccc ttgctattct gggtagtgag tcttgganat ctgggggttg aaagtgtgca 480
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<210> 6827

<211> 565

<212> DNA

<213> Homo sapiens

<400> 6827

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ctttccggcc ttttctcttt cacacggaag agcttaccta taaaaggctc ttgataagct 180
ctcttgaccc ccaagtttcc tgggcagggt tatttgata gtgctattac tccaactttc 240
ttcttctctt ttctgtcata aatcaaagcc acctgacact ttgcgccoga cttttaaaac 300
aaacaggtct cttttctttc ttcagccagg tcacaagaac tgcctatggg ctaatcttga 360

gagcatgttt	ttcttggctc	gaggcctggg	agaaagagca	gagtggatat	ctcaaaggca	420
actagagccc	gagattgtca	cttgaaaatg	cgccagcctg	ggtgtaaaaa	gaatccctct	480
tttggctctc	ctcaattggg	aaaacccaag	nggtcctcaa	aggtnacact	ggatttacac	540
cgggtncg	nccgggganc	ttccc				565

<210> 6828
 <211> 573
 <212> DNA
 <213> Homo sapiens

<400> 6828	
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tcttcatgat	catgcaatga
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gagaaaaggc	tgattctagg
gtagtgccag	aaaggaaatg
tatatatgtt	aaacacagga
ggaggccaag	gcaggtggac
gcgaaaccct	gtctctatca
naagtccaag	gtattcaaga
ngttccnnga	gcttagaaaa
	tgncncttnc
	ttc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	573

<210> 6829
 <211> 577
 <212> DNA
 <213> Homo sapiens

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ccacaggcat	gagccaccat
ctatgttccc	catgctggtc
tcaaagtgtc	gagattacag
aagaaaagta	gggtcataag
atgaaactgt	gggaaaagaa
tgttccagta	atcccacaag
tcatctngga	gatccccatn
aaantttgga	aaggttccca
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	aagaatt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	577

<210> 6830
 <211> 498
 <212> DNA
 <213> Homo sapiens

<400> 6830	
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gagtctcact	ctgtcaccag
	gctggagtg
	agtggcatga
	tctcggctca
	ctgcaacctc
	60
	120
	180

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cgctcccgg	gttcaagtga	ttctcctgcc	tcagcctctt	gagtagctga	gattacaggc	240
acacaccacc	acaccagct	aatttttgta	tttttagtag	agacgggggt	cccccatgtt	300
ggccaggatg	gtcttgatct	cttgacctca	tgatctgcct	gccccagcct	cccacaatgc	360
tgggattaca	ggcgtgagcc	accacacctg	gccaacatct	atctcttaag	tccacgatga	420
tttctgggga	tcttgnccat	ccacagggtt	tactggaaac	cgnaaactat	ntaccggcnc	480
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<210> 6831

<211> 536

<212> DNA

<213> Homo sapiens

<400> 6831

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cggctatgtg	cacatttgct	cgcaataaaa	gaagtttact	cattcccctg	tccccttttc	120
taatagaagg	ttagcttttt	ttgttgnttt	tttttatttt	tttgacatc	ccttttctact	180
ttacagtaca	tttgactata	gtgcacaaca	tgattccgag	tcaaaacagt	ggcccatgtg	240
gcactgagct	tctgattggg	gtagggcagt	ccaatcagtg	ctgggtgtcac	tgggttacct	300
caaccatgtc	cggccaaaat	ggcactaccc	agtggtagtg	aaccatctaa	ttaaaaccaa	360
aactccccca	gggaaaatgc	tacactatca	gagtcagctc	tgagtcagat	ctttatttgg	420
ngctccatcc	agatatattt	tagngctttc	tctttacgan	gngagtatgg	tacacgatgg	480
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<210> 6832

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6832

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gcaagctccg	cctcccagggt	tcatgccatt	ctcctgcctc	agcctcccgg	gtagctggga	120
ctacaggcgc	ccaccaccac	gcctggctaa	ttttttgtat	tttgtttagt	agagatgggg	180
tttactgtg	ttagccagga	tgggtctgat	ctcctgacct	tgtgatccgc	ctgcctcggc	240
ctcccaaagt	gctgcgatta	caggcgtgag	ccactgtgtc	cggcctaatt	ttttttatat	300
tgnngtaaaa	tatacacatg	aaaatttcca	ttttagccat	ttttacgtgt	acaattaagt	360
ggcattaata	gacaatgtgc	aacgggtccat	ttccagatct	gaactattct	atcatcccaa	420
actgaaactc	tgtatccatt	aaacagtaac	tgatcattgc	ctcttccccg	taacccttgg	480
taacttctat	ttctggctct	atgaattggc	tactccagtt	acctcatatt	aggggaacat	540
ccatattggn	cctttggggg	tggg				564

<210> 6833

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6833

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cagtcttgac	ctcctgggct	caagcgatct	tcccacctca	gcccccaagt	agctggagct	120

acaggcatgc	actaacatac	ccagctaatt	tttgtatfff	tggtagagat	ggggtttcgc	180
atgttgccca	gactgggtctc	aaactcttgg	gctcaagcga	ctagcctgcc	tcggcctccc	240
aaagtgtctg	gattataggt	gtggccacta	cacctggccc	attgaaatat	cttgaagtgc	300
attagccatt	caacacagct	agcacaagat	ccacactaat	cacttacaaa	tgtagtgctc	360
accatgcaat	ttttatcact	aaatttattt	gtaaatattt	ctgccttatg	ttatgtaaaa	420
ctctctaaag	gaatgtgaaa	atgattataa	atcatatcac	aattaagaat	gaggaacaaa	480
caacacaaag	aaaattattt	taagaattac	atacccttac	catttacaat	agtggaccat	540
atggttatag	taaatcacat	taat				564

<210> 6834

<211> 338

<212> DNA

<213> Homo sapiens

<400> 6834

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tgcagtggca	cgatcttggc	ggctcactgc	aacctccacc	tcctgggttc	aagtgattct	120
cctacctcag	cctcccaagt	agctaggatt	acaggcatgt	gccaccaagc	ccgactaatt	180
tttgtatttc	taatagagat	ggggtttcac	catngggcca	ggctgggtct	gaactcctga	240
cctcaaggga	tccactcacc	tnagtttctc	aaagtgtctg	gattacaggc	atgagccact	300
gcgcctgacc	aattntngna	tttnnattag	agacagn			338

<210> 6835

<211> 569

<212> DNA

<213> Homo sapiens

<400> 6835

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tggctcattg	caaactccac	ctaccaggct	caagcaatcc	aactgcctcg	ccctcccaaa	120
gtgctgggat	tacacgcata	actgccttct	tataccatt	ttacttcaaa	ttctcatgag	180
aatagcttct	atgattattt	gtccctttga	tagaataaat	tatgttgaca	gatttcctgg	240
taaaaaatca	tcattacatg	tctgaaataa	actctagtgt	tgatagtcta	gaattctttt	300
gatacaatgg	cagattcaat	ttgctaatat	tttattttta	cttttgaatt	tatattagtg	360
agactgatct	actggtttct	ttattaaact	gntctctggc	ttctttatct	tcccctgnat	420
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gnatctcctt	tcattctgac	atggtggang	ggcccttggc	tganaccang	gtcctggant	540
ggaagtnttt	ggcaccgggg	aacggnttc				569

<210> 6836

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6836

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gacagagcag	gcctcaatag	atctggaaca	atcttgagg	aagtcattct	taaccctcc	120
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008220"69462960

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aatatcatca	tcatatctga	aataatatgg	atcatcagaa	ttgcttgtat	acattttttg	300
acatgcctaa	tattctgggt	tttatggaaa	atacatttgt	ctagtgtaga	gtttcctaaa	360
gtatgctata	cagaatatta	gtaaaaatta	aatgaaaaaa	taggacaaaa	tccatcactc	420
ataaatccac	ttttagagat	gattttaaagt	gtaaactaat	gatttcaagg	catggtttaa	480
agcctgggaa	ccccttattc	aagcttacct	aaaatgggtat	gaancagggtg	gaaacatgga	540
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<210> 6837

<211> 571

<212> DNA

<213> Homo sapiens

<400> 6837

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cacatcaaaa	tgagaaatgc	acagtttaac	cggtcaacag	ctggccttac	ttcaaaaaga	120
cactatattc	atattaaaca	tttacagtct	ttccatctaa	ctttacacat	gtcctaaatc	180
attttccagc	acttctcaca	tagaagtcta	gttttgctct	ttaaaatcac	catctgtatc	240
acccctagta	gaaacgaggg	tttccccaat	tacatgctga	agagagccag	ccaccacccc	300
acctaaagac	atccaagcag	ctccagagcc	tgcctccgag	gccacccctt	cgccacggca	360
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gaagctcatt	aaaancaagt	ccccaaacct	tctggaacat	cgtagcaagg	agcttctggt	540
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<210> 6838

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6838

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gaaagccatg	tgccctcaag	cctgggggatg	aggactctag	ttctcaaatt	cttagaacat	120
agcacatgat	tctccagggc	agagaggctg	gctggagaat	gaggacctca	ctgctgactc	180
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gtagaagagc	aagacatgga	agttgtctcc	aaaccagtat	ttggtcttca	gtaaacaggg	480
ataaacataa	aacactgggt	cacaagcaga	cttcanactt	ctgggcacag	caggtggaaa	540
aatccttaag	tcccactgac	caccttccac	aggag			575

<210> 6839

<211> 580

<212> DNA

<213> Homo sapiens

<400> 6839

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tgggtcaactc	cacccacctt	cactctcaaa	ggaaaggcac	agggggaagg	aagtgaagtga	180
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tggacacata	catggatcca	ccaacataca	tcagtccttc	tgtgttctct	cctgcatggt	360
agaggctgga	agcctaagag	ctatatctct	cagaatttcc	tgccagccag	gatttgcttt	420
aaagtccact	aatgagaggc	acttctagaa	accatgattc	cttcttcagc	agtggcagac	480
agtaggcatg	aaggttttgn	aacatcttct	gagcantttc	cagtccataa	tctgnttttg	540
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<210> 6840

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6840

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tacagggtgtg	cactaccacg	cccataat	ttttgtat	ttagtggaga	tgggtttcac	180
catgttggcc	aggctggtct	ctgacctcag	gtgatccgcc	cacctcagcc	tcccaaagtg	240
ctgggattac	agatgtgagc	cactgcgctc	agcccttttt	tgtcttggaa	gtagcagtca	300
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aattactgct	atagaaagcg	ggagaataag	ttgaaagtag	aaatttcaca	ggattaccag	420
gcaacattga	gacctgaggg	ttggtgatca	agaatttaga	gaggnattat	cccctcttnc	480
ataatggng	aactttcttn	aagccatatn	tacacagaca	gttgggctta	caaaggcttg	540
gggtttttca	ggcnaatggg	ncccaaaacc	aggggn			575

<210> 6841

<211> 560

<212> DNA

<213> Homo sapiens

<400> 6841

gagatggagt	ttccctcttg	ttgcccaggc	tggagtgcaa	tgggtgcagtc	tgcactcacc	60
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ttacaggcat	gcactaccat	acctggctaa	ttttgtat	ttagtaaaga	cagggtttct	180
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aagcttcaag	ttttatcttc	taagatatgt	tccaaagatg	tatgttttta	aataggatat	360
attccaaaat	atcttactta	aatgcttcaa	gtatatcgta	agtaagttat	aatcacatt	420
ttaaaataat	caaatgtggc	tgggcatggt	gactcacact	tataatctca	gcactttggg	480
angcttaggt	gggaggatcg	cttgagccca	aagttcaaga	ccaacctgng	caacgtatgg	540
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<210> 6842

<211> 566

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6842

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gctaggacta	caggcgtgtg	ccaccacgcc	cggcaaattt	tttgtatttt	tagtagagat	180
ggggtttcac	cgtgttagcc	aggatgggtct	cgatctcctg	acctcatgat	ccgcctgccc	240
tggcctccca	aaatgctggg	attacaggca	tgagccaccg	cgcccggccg	gaaaacaaat	300
ttaaattgtca	accatgacag	ggcagatgag	acaaactaaa	attacttttc	atttcaatta	360
tcaaaaacaa	ttagatctat	ttcaagaaaa	tatttttgct	aagtaaattt	tcttttaata	420
gctttaatct	tataatacac	atacatattt	aagaatttag	tggtatcaca	aaataattat	480
tttattattt	ccacctaaag	gataatgagt	ttggctaata	tagtctnggg	gttnaaattc	540
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<210> 6843

<211> 503

<212> DNA

<213> Homo sapiens

<400> 6843

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cctcaggtga	tccacctgcc	ttggcctccc	aaagtgtctg	gattacaggc	atgagccacc	120
atgccagcc	taaagctgat	ctttttaaaag	aggaaaaaca	aaccaaccag	gggcctgagg	180
atgtctggtt	tgggttcttg	ggaagtggac	cctgaaaggg	tttgcaggcg	acggctcctt	240
tgggaggggt	ccccagaagc	acaggagggc	actgaggcag	gaggggaggc	tgtgccagga	300
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agcacacgcc	acagacagca	tggcccatgg	cggcctcgga	ggaacttgaa	agggtcctgg	420
gtacagtgca	agtinggaaaa	gaaggggcag	gaatcccagc	ctggccancc	canatgggaa	480
aaccannntt	cggggcctan	gcc				503

<210> 6844

<211> 498

<212> DNA

<213> Homo sapiens

<400> 6844

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caagctccgc	ctccgggtt	catgacattc	tcttgctca	gccacccgag	cagctgggac	120
tataggcgcc	cgccacaacg	cctggctaata	tttttgatt	tttagtgag	acggggtttc	180
accatgttag	ccaggatggt	ctcaatctcc	tgacctgtg	atccaccacc	tcggcctccc	240
aaactgctag	gattataggt	gtgagccacc	gcgccgacc	caaaatcttc	tttattattg	300
nttttttatt	tttatttttt	gagacggagt	ctcactctgt	tgcccaggct	ggagtgcagt	360
ggcgcgatct	cggctcactg	caagctttgc	ctcctgggtt	cacgccattc	tcctgcctca	420
ggaggtcaag	atcancccg	ttgacatatt	gaaaccctgg	ntctatattt	ttaccaatna	480
aaacttcnaa	tnanggtt					498

<210> 6845

<211> 568

<212> DNA

<213> Homo sapiens

<400> 6845

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ttacaggcat	gcgccaccat	gcctggctaa	ttttggtatt	ttcagtagag	acagggtttc	180
tccatgttag	tcaggctggg	ctcgaactcc	cgacctcaga	tgatccgccc	acctcggcct	240
cccaaagtgc	tgggattaca	ggcgtgagcc	accacgcccc	gcctaaagaa	atctttaaaa	300
atattttctg	gtgctctaca	tgttcagaga	aatttctcta	gtaatgaact	atagaaatga	360
ttcctgaaag	tacagtctta	acagcaccat	ttaaatcagg	ggctctatgt	atggtcataa	420
ctagccaggc	tttaagagggt	ttgcagctna	cacaggcgaa	ataaaaaacca	ggagtttggt	480
gtgcatgaat	acaaaattgg	ggnaagggtc	tgaagaaaaa	gtccatggcc	tcacatatt	540
ccaagaagn	tgtnagcncc	aaaaannt				568

<210> 6846

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6846

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accacaggcg	tgtgccacca	tgccctggcta	atataatttt	tttttttttt	tganatggag	180
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gcctcctgaa	tagctaggat	tacaggcgtg	aaccaccaac	cctgaccatt	ttgatttttt	300
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ggccttccca	gcttgccgtg	agagggccct	gcctgcctcc	gcatctagga	agcacaggcc	420
cgtcagggtg	gaatgtcccc	ggcctgtctt	ctccctntca	naacaggcca	ccattatttt	480
tctttganat	ttggctacac	tggttttttt	aancctcttt	tggctatgct	taangctntn	540
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<210> 6847

<211> 578

<212> DNA

<213> Homo sapiens

<400> 6847

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caacctctgc	ctcctgggtt	caagtgattc	tcctgcccc	gcctcccagag	tagctcggat	120
tacagggttg	tgccagcaca	ccaggcta	ttttgtat	ttagtagaga	cagcgtttca	180
ccatgttagt	caggctgggc	ttgaagagaa	ggatacattt	tttaaattac	ataattaaga	240
gagaccttgt	gctataagag	aaacaagact	gacaataatt	ttaaaaaaca	gcataacatt	300
ataagttgta	ctagtttgga	aaaaagcaca	actctctccc	ttgntcctta	atttagcttt	360
gatgttatga	cacatcatat	aaactgcagt	attccatgta	agttaagcac	aaccaatta	420
tttacctgaa	taaaattaag	gccaacaaaa	atggaaaaca	tatttgccat	ctaataattc	480
catggtnggt	ggttaagggt	catgaagctg	ncntattgaa	gaaagaatca	gaattgtaag	540
gcaaaaatag	gtctaagtta	gaagaatgcc	tttgggaa			578

<210> 6848
<211> 578
<212> DNA
<213> Homo sapiens

<400> 6848
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tgtaagatga tcaggagtta gtatgaagta ttcttctcta cgcaccaaag aaaacaaaca 120
aagcaaactt caagtcagtg aattagttac cacagttaaa atgcatttga ttttgtcctt 180
ttcctttttc acaagaacga cagctgaata ctctttcatg tgatgcctga ttttttctt 240
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ggttggagtg cagtgggtgca atcttggctc attgcaacct cagcctcctg ttttcaagtg 360
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taatttttgn attttttagta gagaaggggg gtttcacat gttggccagg atggctctga 480
actcctgacc tgaagtgatc caccgncctt ggccctccaaa ggctgggaat anccgngtga 540
gccctgtgnc aggctctgag gtggaaattt tctggtac 578

<210> 6849
<211> 585
<212> DNA
<213> Homo sapiens

<400> 6849
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cactgttgca aaatggcttt ctcttccact gaccagggtt ctcatgccca ccctttgcta 180
ggtaaagagt agtaaaagag aaaatggcca atgaaaagga gggggaaaca ctttttaaaa 240
ataactatat tttcaggaca ggctctgtgt gagatacact ctaacgtggg gacacgccac 300
agtcctcagt ggcccctgcc catcctccca actcactgta cagaaacact ctatggaggc 360
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aaatgatgct caaaaacaaa agcagctatt ttaagatcac taaacactgg ctggtgatgg 480
caaaactggg gcttttctta ttcttttctt cattttgctt ttatcaggcc ctggccttct 540
actttcntaa aangaattta ctccaaattn tngggaagaa atctt 585

<210> 6850
<211> 588
<212> DNA
<213> Homo sapiens

<400> 6850
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gtcgtttgtt gcacctatca acccattatc taggttttaa gccccatata tgttagctat 120
ttgtcctaata gcttttcttc cctcaccoca ccaaccgccc tcaagtcagt tttctaagag 180
tattaatcaa gaaaccatct cataatcaca ccaaagcata tttctacaca agatataaaa 240
tactaggata ttigtctaaag ataaatgcat gccatacact gtaacaatgg aaatgacttc 300
ctacaggata acaatgctaa aattaaactc tttgtaatta gtaaagatga acatgtgggt 360
aatatattgt atatattttt taaactattt tttgcctcag taaagagaga gcttagatac 420

cttgtgtcat	aaaataataa	agcaaaaata	acatttctat	gtgaacattt	ttaaaggttt	480
taaaattcat	cctgggctgg	gtgtaatggc	ttgctcacc	tgtaatccag	cactttcaga	540
agcttaagg	ggtgnatcac	ttganggcag	gagtcaagac	cagcccgg		588

<210> 6851
 <211> 578
 <212> DNA
 <213> Homo sapiens

<400> 6851	
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gtactotaag	ttttagggtg
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ttgttacata	tgtatacatc
tgccatgttg	gtgtgctgca
cccattaact	tgatcattta
120	
cattaggtat	atctcctaata
gctatccctc	ccccgacccc
aacccacaa	caggccccgg
180	
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gtgtccatgt	gttctcattg
ttcaattccc	acctatgagt
240	
gagaacatgc	agtgttttgt
tttctgttct	tgtgatagtt
tgctgagaat	gatggtttcc
300	
agcttcatcc	atgtccctac
aaaggacata	aactcatcat
ttttatggct	gcataatact
360	
ttttcatttg	tttgtataat
ctctgatctc	tttcagcagt
gttttgtaat	cctcattata
420	
gagagctttc	acctccctgg
ttagctgnat	ttctaggtat
tttatttttt	tttgnacata
480	
ttgngaattg	gaatgngttc
cttaattggc	tctcagcttg
gatggctctt	ttatacangg
540	
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nnaatttgga	tccggaac
578	

<210> 6852
 <211> 558
 <212> DNA
 <213> Homo sapiens

<400> 6852	
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cacctaggct	accgtgcatt
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atctcccagg	ttcaagtgat
tctcctgcct	cagcctccca
agtagctggg	attacaggca
120	
tctgccatca	tgccctgtcta
attttttgta	tttttagtaa
agataggggt	tctccatggt
180	
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cccgacctca	ggtgatccgc
ctgcctcgac	ctcccaaagt
240	
gctgggatta	caggcctgag
ccactgctca	tgccagttc
tttcattttt	tgagtttctg
300	
tttctgatct	aaagtttacc
actggtttcc	aatttgtttg
tgaagcagag	aattattgaca
360	
cacttttagt	tgcttgcata
attcattcct	ttcctataag
attatagact	cttcctattt
420	
ccccagatcc	ttttaaagggt
ctctaattct	tgaagtttg
gtacataact	ggtcatactg
480	
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accatcactg	agtanaangg
taatcnttca	ctaataagccc
540	
taagaaagaa	atgctgna
558	

<210> 6853
 <211> 575
 <212> DNA
 <213> Homo sapiens

<400> 6853	
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ttattttatta	agactgttaa
caaaaaatag	gctttatttt
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tcctctgaac	ttaaaaacta
taaattttact	tgggtcacta
acagtgtctt	cagtctgaga
120	
gaaaataaca	taataacaac
aataatgaac	aaagcactta
gcatgtgcca	ggcactgttc
180	
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gtcattactt	ttcacaacag
ctctgtgagg	taagtactat
240	

09629459.072800

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gagactgggc	aggatctctc	ctatgaagtc	agaacaacta	ttgcctgtgg	caaagtaccc	360
agcactgtct	cccactaagc	ctcactaatt	tatcttagtc	tgtacatgta	agaatcctct	420
aatacaccaa	ccttggacca	gtttctcatt	ctcgntcaag	ggtttggan	gtgagcagca	480
agctgctttt	ggangcacta	aacttgggng	gtgctgggat	ataaagcctt	cccagatgcn	540
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<210> 6854

<211> 486

<212> DNA

<213> Homo sapiens

<400> 6854

gcaagttaaa	ttacatttat	tatataaaga	gatacctataa	cttgatacga	aaaacaaaagc	60
aactccaaca	gataacagaa	gggcaaaaagg	acaggaacat	ttgatcaaag	aaacacagct	120
accgatagca	cacaaatatt	caacctcatt	aataatcaaa	ggattaggat	gcacttcttg	180
cttattcaat	aaagttaata	atttctaatt	tttctacttt	tcaaattgtac	tcaaattgtgc	240
tatttttagt	aataaaaaac	tgagtaatta	aaaaaacata	gaaagtatga	aaatttctgc	300
caatgcagaa	atcataaaca	gcattaaaat	gaatcaacac	ttgtatgggc	agtaagggtc	360
agaccctag	aagccaattc	attttgcctt	ggttcctgag	ttttattatg	ggattgtcaa	420
taaggagaaa	gttgttcctg	atttacctgc	tgacaatctt	ccaggtatag	gggggggnng	480
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<210> 6855

<211> 573

<212> DNA

<213> Homo sapiens

<400> 6855

cccaaataca	actttttatta	tccaaaatca	tcttgggaagg	acttttttcta	atatgcccatt	60
tttctaaata	agattaacca	tttgatggga	atatttccaa	ttgtatcacc	tccttccttg	120
actttttctt	catcaactta	gggcctgggt	tgtaggcact	gtggctcttt	gggatagtta	180
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caaattggctt	tggtttgcaa	cctcttcctt	tgatatccat	tgaagaacac	atgtcctacc	300
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ggtccttcca	gttccaaaag	ccattgacca	accctgtgag	gcactatgag	agattggaga	420
ttactgagga	atctcttcca	ataacatatg	atatataaag	gtaattgtga	ttctatgaag	480
agtgaataaa	aattgaaaac	aaaaccatct	ggttaaaact	attaaatgaa	gttttaaaaa	540
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<210> 6856

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6856

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caacttttgc	ctcctggact	ttggcaatcc	tcccacctca	gcctcccaag	tagctgggac	120

cacaggcata	caccaccatg	cccagcta	tttttttttt	ttttttaga	ggtgggggtt	180
tcaccatatt	ggccaggctg	gtctcgaact	cctgagctca	agcgatccac	ccacctaggc	240
ctcccaaagt	gctgggatta	caggcatgca	ccaccaggcc	cagccacatc	tgatttttagg	300
gggattcctc	tgaacacgtc	accagtcagt	gtgagatctg	catgaagtat	ttggttgaga	360
gcccttatct	ggtgaaggaa	gatccctact	attcttaatt	tgctgagggg	ttttataatc	420
aaaggagatt	gaattttatt	gacttccttt	tctgcatcaa	ttgagatgat	catttgggtct	480
ttctccttta	atctgcaatg	tggtgtattt	tggtaataga	ttttttgatg	tggaatcatc	540
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<210> 6857

<211> 582

<212> DNA

<213> Homo sapiens

<400> 6857

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tacagcccc	tgactcctgc	tacccaagaa	ggccatcctt	tcctgcctgt	gatactccgt	120
ggcatctgtt	ctgccagagg	actgaccctt	tgtgctccac	atatgttttg	ccaggaaaca	180
cttatctcag	ccacaaaccg	tccctgtcct	ccaaaagact	cagagctgct	tacaaggggc	240
tgctttggtc	agtcagctgt	tagtcctggg	gctcttgcc	cctctgtggg	ggtagcatca	300
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tcttgtccac	agatcctcag	gccccctggt	cttggatcca	gaggcgtctg	aggatatgtc	420
acaggcacct	gctgctgctg	ctgctgctgc	tgctgcctct	gctcttgccc	tcagtccccg	480
tctttccacc	tgggtccctt	tgcactttca	tgcctgangc	tgcactgggtg	gccaagtcta	540
aactgaggg	cttcognana	cgaanccgc	cgaacgcctt	gg		582

<210> 6858

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6858

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caggcgagca	ccaccatggc	cagctaattt	ttctattttt	agtagagacg	gagtttcacc	180
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tgcctaggct	ggtctggaac	tcctgggctc	aaatgatctg	gccacctnag	cttccaaagt	540
gtnggaatac	aggcttaacc	atgggcccgc	anaattc			577

<210> 6859

<211> 589

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 6859

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gttcagactg	ttcttgaatt	tctggcctca	agcaatcctc	ccacgttggc	ctcccaaagt	180
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ggcacttcat	cctatatgcc	ttgtggcagc	tcttagagta	ttattttact	gcacttttat	360
ataactcatg	aattgttata	tgaattttct	atggatgata	agtccagcaa	aaaggaatat	420
ttaattttta	attgngatct	gattcatata	tcatatctct	ncaattacag	gctcctggga	480
agtggtaaca	ggggctttta	gcttcctggg	attttccaat	ggacttacac	cccagtgctn	540
nggccccng	gaaaatggnc	aggaagcatt	tgccggggaa	ntggaatga		589

<210> 6860

<211> 574

<212> DNA

<213> Homo sapiens

<400> 6860

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ggattacagg	catgcgccac	catgccctgc	taattttgta	tttttagtag	agatgggggt	180
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tgcccgaagc	ctccctcctg	aacangctgg	actcacgcat	tgaggctctg	gcctttcttc	480
aacaggtagt	anatgcaggg	gaagggccac	ngtgggtggt	gnccctgggg	atgacaaggt	540
caagggtgnc	tggcttntgg	tgggcaacaa	gnnc			574

<210> 6861

<211> 586

<212> DNA

<213> Homo sapiens

<400> 6861

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<210> 6862

<211> 582

09629469.072300

<212> DNA

<213> Homo sapiens

<400> 6862

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<210> 6863

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6863

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<210> 6864

<211> 585

<212> DNA

<213> Homo sapiens

<400> 6864

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cttgctcccc agggtttgca agatgccagc aacaggattc caaaagccca cggaaatgct 480
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<210> 6865
<211> 576
<212> DNA
<213> Homo sapiens

<400> 6865
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<210> 6866
<211> 564
<212> DNA
<213> Homo sapiens

<400> 6866
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<210> 6867
<211> 574
<212> DNA
<213> Homo sapiens

<400> 6867
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tacagacacc tgccaccacg ccgggctaatt ttttttctat tttcagtaga aaaggggttt 180
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<210> 6868

<211> 576

<212> DNA

<213> Homo sapiens

<400> 6868

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cctcattatt	attattttaa	gaaagctagg	acattttcac	tattttttta	agaactcttt	180
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gatttggcag	ggatcatagga	caatagtggg	gggaagggtca	gcagataaac	aagtgaacaa	420
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<210> 6869

<211> 583

<212> DNA

<213> Homo sapiens

<400> 6869

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gngtgtacaa	tcatgccaa	ttggatcttt	tatctggaaa	agcccatctt	acacatattc	540
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<210> 6870

<211> 577

<212> DNA

<213> Homo sapiens

<400> 6870

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accaaggcag	gaggatccct	tgaacccagg	ggttcaaggc	cagtctgata	aacatagtaa	180
gatcctgtct	ttacaaaaaa	caatttttaa	gttagctgtg	aacagtaatg	cacacttata	240

aagctgtata	ttaagactaa	ggcttaagaa	acccttgagc	ctaggagttc	aaggctgcag	300
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agtaggnnaa	aaatttccat	ggaaaaactt	ggaatatcct	gggaggcttg	ggaaccaacc	540
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<210> 6871

<211> 575

<212> DNA

<213> Homo sapiens

<400> 6871

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ccaagatagt	ttaaacagcc	ctggcctcaa	cttcttctact	ctgtctgttg	gtctactagg	180
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aggccgaaaa	aaggtcnact	tggnacatgg	agtntagggc	ctgggggtta	anggcttgag	540
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<210> 6872

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6872

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<210> 6873

<211> 588

<212> DNA

<213> Homo sapiens

<400> 6873

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ccttcatggt	aaagtgggtca	taataccaag	ttagtaataa	cnggctggct	acaaatatgc	540
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<210> 6874

<211> 579

<212> DNA

<213> Homo sapiens

<400> 6874

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<210> 6875

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6875

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<210> 6876

<211> 586

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 6876

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<210> 6877

<211> 589

<212> DNA

<213> Homo sapiens

<400> 6877

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<210> 6878

<211> 584

<212> DNA

<213> Homo sapiens

<400> 6878

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aatctgggtc	aaagagttta	acaggccttt	actaagagcc	ccttttttga	gagtnacagt	540
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<210> 6879

<211> 575
<212> DNA
<213> Homo sapiens

<400> 6879
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<210> 6880
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6880
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<210> 6881
<211> 574
<212> DNA
<213> Homo sapiens

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<211> 550

<212> DNA

<213> Homo sapiens

<400> 6882

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<212> DNA

<213> Homo sapiens

<400> 6883

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<210> 6884

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6884

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<210> 6885
 <211> 545
 <212> DNA
 <213> Homo sapiens

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<210> 6888

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6888

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<210> 6889

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6889

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<210> 6890

<211> 555

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 555

<212> DNA

<213> Homo sapiens

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<400> 6893

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<211> 540

<212> DNA

<213> Homo sapiens

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<211> 556

<212> DNA

<213> Homo sapiens

<400> 6897

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<211> 556

<212> DNA

<213> Homo sapiens

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<211> 555
<212> DNA
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<210> 6900
<211> 560
<212> DNA
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<210> 6901
<211> 555
<212> DNA
<213> Homo sapiens

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gtgcatgcac acgcgttcat atattaactc tgatttatat gtgcacccta ccaganggca 480

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<210> 6902
<211> 553
<212> DNA
<213> Homo sapiens

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gcttatctcc aaaaggggca cattaatcga catggaacag aacccttctc ttctacttta 480
attaatttca ttttaaatta atnattttcta ttcttccctt ttaactanta atagccccct 540
ttaagggtgg gaa 553

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<211> 559
<212> DNA
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ctataactga cacatgatgt aaatcatata tggaagatgt tctgatgtcc atganggtcc 480
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<210> 6904
<211> 544
<212> DNA
<213> Homo sapiens

<400> 6904
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<210> 6905
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 <212> DNA
 <213> Homo sapiens

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tagacacata	cgttctgttc
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aaatttttaa	aaatatagga
ccactatatt	cttaaaatgt
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gttcattcat	tcaagagatc
tttgactgca	attaggtagt
240	
cggctctata	aaggcttcct
tgtgtgacga	taatttctaa
aagtaaaatg	ctccagtga
300	
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atcttaaaat	tacttttaaag
aaattccaat	ccctcatgtt
360	
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ttttccataa	tatgccttag
ttgtaccacc	ttattcaggg
420	
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caaaaagtat	aaatcgctg
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<210> 6906
 <211> 545
 <212> DNA
 <213> Homo sapiens

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ccaataagc	ttaaacaag
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tgcaatattt	atccaattcc
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gaagtaacta	caaaaataat
tagtttaaat	ctttgtaaag
300	
ctttaatgta	agaacatcag
tacactttct	ttacataaac
cttaaagcat	gatcaatacc
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ttcaagtact	tgaaaaaggg
ttgcaacaaa	gtgtctcttc
420	
ccaaaaaagc	aagaacagtg
atcatgcagg	tgtaaatctg
cagacatctg	angacactgg
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<210> 6907
 <211> 547
 <212> DNA
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gtgtacacta	tatccaatgt
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ccccctccac	ccttcccctt
gaagccccaa	agtccactgt
180	

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<210> 6908

<211> 547

<212> DNA

<213> Homo sapiens

<400> 6908

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atgatgtacc ttgggaaagg atagttccgt acagatcccc tagacttggg ggaagtcttg 180
gggcaaacca aaatgaaatt aagactacac gtctcaatat atagtgaata gccttgagaa 240
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ttttcaaata agtaataaaa tagacaataa tagtcgctgg tcccatagga gtagggattt 360
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catacactat cccccggcat attgatattt acaacccttg gngggatttg tgaatgaaga 480
catttatatt accctggatg taggtgccaa ttaaggaaaa ntggatctct gaccnctgnn 540
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<210> 6909

<211> 544

<212> DNA

<213> Homo sapiens

<400> 6909

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accacagag ctcatcttta cctagaaaac agaaccacag gcagaaacag gtcacagact 300
tggggataaa aggagaggag gttttttatt tttattttta aaggaccaag cactgggagt 360
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actcangaac ctttgcaaca aggatgaaca tcttttgga gaatgagana tgggttncaa 480
ggcttttttg agaatcagag gatcctggna ttaaaagaac cgnaaatngg aaatggggat 540
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<210> 6910

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6910

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ctataggcat	gcgccaccac	gcccggctaa	tttgttatgc	aactttttaga	tggtcaagt	180
catggataaa	ctgagactat	ttagactaga	gaactggatg	ggcttgacag	tcttccatca	240
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ttcaagatca	gatgaatagg	ctggcaattc	taaaagttga	ggattcctgt	aataattgag	420
aagccaatcc	aaaaatcgng	ccttgcaagg	agcatccact	ttccagntnc	aagagctaan	480
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<210> 6911

<211> 545

<212> DNA

<213> Homo sapiens

<400> 6911

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gcctgggtcat	tctaatttga	ttcaacattt	aatcattatt	aatgcaagta	ggggaagctc	180
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aaccaatctg	nttttcaactt	tcaatacagt	attcaataaa	ctacatgaga	tatttggagc	480
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<210> 6912

<211> 499

<212> DNA

<213> Homo sapiens

<400> 6912

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gttgccana	gggaanaagg	gcgggtgggc	anaaggaagg	ggctggagac	agatcatcag	180
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gttncttggg	cccgccggca	ancttcttac	ttggaatctg	aatcttntac	aatcantacn	480
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<210> 6913

<211> 528

<212> DNA

<213> Homo sapiens

<400> 6913

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aaactccgac	tcccaggttc	aagcgattct	tctgcctcag	cctcccgagt	agctggaatt	120
acaggcacgt	gccaccacgc	ccagctaatt	tttgtatttt	tggtagagac	ggggtttcac	180
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tgccacaaat	tacataactt	aaaacaacac	agatttattt	tctgacagtt	ctggagggtca	420
nacatcctaa	aatcaagggt	ttggcaggac	tgcgttcctt	ctaaagctca	ngggagaatc	480
tgggggctgc	atcttcagct	tttanaaggc	ccttgcattc	tttgggtt		528

<210> 6914

<211> 557

<212> DNA

<213> Homo sapiens

<400> 6914

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agaggtttcc	atgggggtcag	tgggacgaaa	gctccttgcc	acctctagt	aaacgcggtc	420
cttgacacta	gcacggcaga	ccagatggag	tggacactga	gctctgacac	gcaagcccag	480
ggaacccggg	gaaggaactt	gnatgaactt	acaggcaaac	cgtagcagac	tgggaanaag	540
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<210> 6915

<211> 553

<212> DNA

<213> Homo sapiens

<400> 6915

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gccttcagag	gttctttata	tattctgata	cacatcttta	atcccttgta	aatgctggga	180
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gatgagcaaa	aactatgaat	aagacctatt	catcaaattt	tcttttgaga	ttagtgctgt	300
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gtttaagttt	atttctagat	aagtgatctt	tttgntaatt	ttctgaatgg	gtttttctct	420
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tggctcatgc	ctgnaattnc	agcactttgg	gangnccagg	cggccggaca	nctgggaaca	540
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<210> 6916

<211> 558

<212> DNA

09629469.072800

<213> Homo sapiens

<400> 6916

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ccaaagtgca	ggaattatag	gcatgagcca	ccgtgcccag	tcagaaaaca	cattttttaa	300
gaacaatatt	caaggacata	atataaaaag	tataatttgt	cagaatcaga	aacttctgaa	360
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<210> 6917

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6917

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<210> 6918

<211> 564

<212> DNA

<213> Homo sapiens

<400> 6918

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<210> 6919
<211> 560
<212> DNA
<213> Homo sapiens

<400> 6919
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<210> 6920
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6920
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acatctttta nggggag 557

<210> 6921
<211> 561
<212> DNA
<213> Homo sapiens

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tcaaaataat cttttgattg cattagggaa cgtaaaataa agagttcctg gagatattaa 360
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<210> 6922
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6922
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acataaacac aattttatct ctaattcata ggactttatt tttattcctg aaaaaccatt 540
aaacattggn caaa 554

<210> 6923
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6923
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ctgggattac aggtgcctgc caccatgccc agctaatttt ttgtattttt agtagagacg 180
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tcaacctcct aaagtgcctg gattacaggc atgaatcaca aggagatttt cccccottat 300
gctcagcgct tctccttgct gctgccatgt aaagaaggat gtgtttgctt cccctttotgc 360
catgattgta agtttctcga aacctcccca gccatgctaa actgtgagtc aattaaacct 420
ccttccatta taaattaccc agtctcaggt atgtctttat tagcactgtg agaacagact 480
taaatacaat attgncatgg catatgacag cactgactaa aagaaaagcc ncttattttac 540
agaatctncc ttctnt 557

<210> 6924
<211> 556
<212> DNA
<213> Homo sapiens

<400> 6924
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aatgtttagt ttgtttctcc tgcagactca gaaaataaat gttttctttt tgctttgcat 180
ttataaactt tttgcaactc aaaaaatctc tttcagtatt caattttaat taatctagcc 240
taaagtataa tactcagcaa tctgtactat tctgacttta aaatcatatc aaatattaat 300

09629469.072800

aacatatatg	ctcttaagaa	agtacctttc	tttgtaaata	caactgacaa	aatattcagc	360
aaagtgtgta	caatagtgcc	ttgtatacat	gtgtctttct	agagctactt	cagtataatt	420
taacaatcat	tgcacaatag	cagatgtata	atagtttcca	tataaactat	tatctaagct	480
gtaaaatatg	gacatagtca	gcaaatcatt	tctgagaaaa	ggcatagatg	gttatttcca	540
actatctctt	ttaggg					556

<210> 6925

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6925

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ctgaaaatga	aatttctaag	taatatacga	atcaacttaa	ctagactgaa	acatttaggc	120
tgatcttact	ttatccttta	tctcagtatc	ttacctaacg	gttctatatt	tcaaagcctg	180
acagatttgt	ttggctggca	tgatctgacc	acttcctttc	tatcgagaaa	tacaattttc	240
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gaagtgtaaa	tgtaaacaatg	gagataatgc	aggtcagtat	tttacctctt	attagatatc	360
tatataaaga	agataagata	gocgggtaca	atggcccatg	cctgtaatct	cagcactttg	420
ggaggacgag	atgcaaggat	tgcttgagtc	caggagtttg	agaccagcct	gggcaacata	480
gtgagacccc	attatttttc	ctttttttct	tttgagacag	agtctcactc	tgncactcan	540
gctanantgc	aatgggcgtg	n				561

<210> 6926

<211> 470

<212> DNA

<213> Homo sapiens

<400> 6926

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acagggtgtg	gccaccacac	ctggctaatt	tttgtatttt	tagtagagac	gggggttttgc	180
catgttggcc	aggcttggtct	taaactcccg	acctcaggtg	atccaccgcg	ctcagcttcc	240
cgaagtgtg	ggattacagg	catcagccac	cgtgcccggc	caaaacttct	ttctaattcta	300
tggaattggg	tctgagaact	aggatatgct	tacattttca	cacaaaaaga	attaaggata	360
tggattctac	aaaacatgaa	catcctagag	atagtggaaa	aaacaaattc	ccagtcgtac	420
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<210> 6927

<211> 499

<212> DNA

<213> Homo sapiens

<400> 6927

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ccaccacgcc	cagctaattt	ttgtattttt	agtagagatg	gggtttcacc	gtggtagcca	180
ggatcgtctc	gacctcctga	cttcgtggtc	tgctgcctc	ggccttccaa	agtgcaggga	240

ttgcaggtgt	cagccacgac	cacgcccggc	taaccccagc	cctttctaag	agcagaaaaa	300
tggatagatt	tgatgagaga	atccttatgag	aatggtacat	gaatttggat	gtaaaatcag	360
gttacaaatt	aaagaggcct	taaaagcaat	gaataaataa	acacagccct	gttaggctat	420
tanganggcc	ttggcaatga	gaaaaantaa	atattgaatt	aanggataag	natttcngga	480
tttttggnaa	ttcctgggc					499

<210> 6928

<211> 488

<212> DNA

<213> Homo sapiens

<400> 6928

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ctacaggcgg	ccgccaccac	gcctggctaa	tttttgnat	tttttagtag	agacgggggtt	180
tcactatgtt	agccaggatg	gtctcgatct	cctgacctca	tgatccgccc	acctcggcct	240
cccaaagtgc	tgggattaca	ggagtgcagg	accgtgccc	gccaacatta	aggagttatt	300
acagtgcctg	tgtgatcacg	gtatcaataa	gttgggttgg	ttttttttaa	aaagagtcatt	360
atttttaaaa	tatgnactaa	tttacagatg	aaacggtatg	acaactagga	ttgcttccaa	420
ataatctggn	ggganaagag	ccnggagtta	ccagaatagc	cctgangnga	aanaatgctg	480
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<210> 6929

<211> 567

<212> DNA

<213> Homo sapiens

<400> 6929

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agcagtgggtg	aaaaaggccc	ttagaaataa	tttcatctac	tgccctcagg	aaatctgaag	120
cagatctgca	ggcatatctt	atcctttggtt	tgtagcttct	accttcctta	caatcccata	180
catttaaaat	tccaatgtat	aagtcttgct	ggcttcatta	caatccacct	cagaataatt	240
agacacagag	caaatttgtg	gataatccaa	ccttagttat	atcttcttct	cagtccatga	300
gacaaaaaag	gattcaaaca	aaataaatac	atgcttgaca	aaaatgggac	aaaagaagaa	360
acaaatgaaa	ggaataatga	acctataaat	tttcaaaatc	tataaacatt	gaactaagac	420
ttgatgtact	tgatatacct	gctgncctaa	aattgacttt	catttctcac	aattaatcgc	480
ctttctgntt	cgacaaggtn	ctaaaatcta	cacaattttt	cagnactgng	taaacctatc	540
cctactaaaa	gaaattttcc	tcgaaga				567

<210> 6930

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6930

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cagtggcgag	atcttggctc	actgcaagct	cctcctcccg	ggttcacgac	attctcctgc	120
ctcagcctcc	cgattagcta	ggactacagg	cccccgccac	cgtgcctggc	taattttttg	180

catgtgcagg	atgtgcagg	ttgttacata	gataaacatg	tgccatgggtg	ctttgctgca	120
cagatcaacc	cactacctag	gtagtaagcc	cagtatccat	tagctattct	tcctgatgct	180
ctccctcccc	ccacctttcc	ccaggacaga	caccagtgtg	tgttgtttcc	ccgaccaacc	240
ccacgtgtcc	atgtgttctc	attgttcaac	tcccacttat	gaatgaaaac	atgtggcggt	300
tggttttatg	ttcctgcatt	agtttgctga	ggataatgcc	ttccagctct	atccatgtcc	360
ctgcaaagga	catgatctca	tttcttttca	tggctgcata	agtattccat	ggatatatatg	420
taccacattt	ctttatccag	ctaccattga	tgaaccattg	ggttggattc	catgtccctg	480
ctantggnga	atagnctgc	aatggaacat	aagttttcct	ggtcttatta	aanaaatatt	540
ctnttgccaa	agtntaa					557

<210> 6934

<211> 559

<212> DNA

<213> Homo sapiens

<400> 6934

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ttgcactgta	accagggaga	tataagaatc	tggctcttagg	tgtggggagt	actcttccat	120
taataaacia	aaggcctact	gtattattaa	ctaagagaaa	gtataatgtg	aatcatgtta	180
acattctaaa	ataacagaaa	gttaggacca	tactagcaat	gtgaactgtg	cctgtttgaa	240
aatttaaata	ctcaggcact	aagcattagc	ctacctgaaa	ctctaggatg	aagtctatgt	300
ctgtattctt	tcttagaaaa	tagcaacaca	gagtaatagt	aaataaacc	aggtattcac	360
cagttaaaa	tgtgaattga	agtgtctcag	tagtagatat	ttatcatgaa	gagggtgatg	420
ccaagtggca	nggaatagg	taatcattan	gantggagct	caaaatatgg	cagcctcatc	480
agaaagacta	ttattattct	ctaagggtta	taagttgggg	ancagttaag	gaagccaaaa	540
ttttccccc	aaaangggg					559

<210> 6935

<211> 551

<212> DNA

<213> Homo sapiens

<400> 6935

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ctgcaacctc	cacctcttgg	gttcaagcta	ttctcctgcc	tcagccacct	gagtagctgg	120
gattacaggc	acgtgccacc	acaccagct	aatttttgta	tttttagtgg	agacgggggt	180
ttcaccatgt	tgcccaggct	ggtcttgaac	tcctgacctc	aggtaatccc	ctgccttggc	240
ctcccaaaat	gctgggatta	caggcgtgag	ccaccgcacc	cagcccttca	tgtagtcttt	300
acctcaaaaa	ctcttccaat	tcagaaatga	ggtaagtata	tcaatggcta	caaggaaaga	360
atgggttaggt	tttgcaaggg	aaaaacatac	tactgaggct	caaaagggaa	ggggatatct	420
catgaagaaa	ggaatgatca	ggaaagtgtg	tgtgaaaaaa	ggaggaatgt	ccaagaatgg	480
ccctggcana	aggagaaaan	tttaattcaa	nttttaattc	aagtttaaaa	aacttcangn	540
ggnntaatgg	n					551

<210> 6936

<211> 542

<212> DNA

<213> Homo sapiens

<400> 6936

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tttttgtttt	catgacttat	attagttgat	tctaatagag	gtgcaatggt	ctctgcacag	120
aacccaaatg	caggacaggc	tattatgttc	tgcatgccag	tcaaattacc	aggcattctt	180
tttcttaaca	tttatttcag	tttcaggggt	atgtgcacag	gttggtttta	tacataaatt	240
acatgtcatg	ggggtttggt	gtgcatatta	ttttgtcagc	cagataataa	gcatagtacc	300
taacaggttg	tttttcaatc	cttagcttcc	tcccacccac	ctccctcaag	tatgccctgg	360
tgtatattgt	tctcttcttt	gtgtccatgt	gaattcaatg	tttagctccc	acttacaagt	420
gagaatatgt	agtgttcatt	ttctggctct	gaattagttt	aagtttctta	gaataatggg	480
cctccatctt	atccatgtgc	tgcaaaggat	agaatctcaa	tctttttatg	ntgggtanaa	540
tn						542

<210> 6937

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6937

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tattttagtt	ggaagagccg	caccaaaaaat	catgacaaaa	aaaattgngt	aaccataaga	120
aatccagtg	gcttggtgtt	gttgatgatg	ttaatgatct	ctggctaaaa	attcaagtaa	180
aagagtcaaa	ctgcttaaa	cattaaaaaaa	gcacagcagt	gtaaggctctg	caatgatttg	240
aaaaacacta	agaacactct	tcaatgtttc	ctcatttgca	gactatcaaa	catgatcttt	300
gaagtcaagg	attacatcta	cgttctttta	ccaatcttga	atatatatct	tgttacaata	360
tagtaatgac	ncaaagggat	gtcacagaca	aaaaggcaaa	ctggcatgta	attaaaaaagg	420
ttacttttag	ancatatgga	tctaattctg	gattaaaaaa	atcttccaat	ttttaaaatt	480
taaatncctc	ctaatatatt	ttacnttaaa	actgnggtta	ccattttttac	caaaaaatttg	540
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<210> 6938

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6938

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aagcgtcgac	ctcctgggct	caagcaatcc	tcccagatca	gccttgcaag	tagctggcac	120
atgccaacat	gccagataa	cttcttaatt	tctgatacag	actgggtccc	actatgatgc	180
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tcctcatttt	gaaccatctt	tatacttcca	atacgaccct	ctcttggtgca	tagtccatta	360
ttcaaagtgc	tcgcagacac	tatatggtaa	aattttacac	taaaaattta	cattaatatt	420
cctacatata	attctatagg	tttatgaaag	ctgncagcaa	ttaaaaaata	tttactttca	480
cttttgagan	aatngnaaat	tcncatggag	ttgtttgaaa	aaaggggaga	ccccttttcc	540
ctttacccn						549

<210> 6939

<211> 487
<212> DNA
<213> Homo sapiens

<400> 6939
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tatagccgtg tgccaccaca cctggctgat tttgtactt tttgtagaga cgggggtttct 180
tcatgttgcc aagatggaca atggacagtt taaagactca caggaagcat gagtttccca 240
ttccctagaa tatattactt cctctggctg acagtgttac gtttttcaga gagaaaaaaa 300
aggatatnca gaaaaagggg aaaattttaa tattacatga nggaagaccc taaagnatt 360
ntntcaaaag ctaaaatgtc agaattctgga atggacattt taccctattg ggaaggatan 420
tattaaangt tggttgacna tnccggaaaa atttgaatgc tnccagggtg tactnggnaa 480
tgtaaaa 487

<210> 6940
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6940
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acctccgcct gccgggttca actgcaacct ccacctcccg ggttcaaatg attctcctgc 120
ctcagcctcc cgagtagctg ggattacagg cgtccaccac catgcctggc taattttgta 180
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ctggttgaaa gaggaatctt ggctgggacc ctagcatcnt ctagggaaca gagagggtgt 360
gattaagagg tatctggatg aaatcttggg gaaaggaagc acttgTTTTT aatcccacca 420
tggtntttca tatgcataca accatcctca aacattntgc ccatcagcag ancttctaaa 480
aaggtngaca taccactgg ntatccctt cttggcaant ttaaaccaag ccttgccccg 540
gnaatggnaa 550

<210> 6941
<211> 550
<212> DNA
<213> Homo sapiens

<400> 6941
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ttaggcttca ggccaaacat ttcattggcaa acctttgggt tatctttttt tccaaatatt 480
tggttgctaa tgattgncc cagaactttc atataaaatg ggnaatccag aaaagaaccn 540
cccntntgct 550

<210> 6942
<211> 535
<212> DNA
<213> Homo sapiens

<400> 6942
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ttacagggtgc acgccaccac gccagctaa tttttgaatt tttagtaaag atgggatttc 180
accatattga tcatgctggg cttgaactcc tgacctgtg atccgcccgc cttggcctcc 240
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tccacctnct tttttttgac ccttaaagaa gagaccaact nttagtactg ngtggcaact 480
gngcctgncc ttttacatgg gcaggggact gggtagacaca ttnccccaaa nggnc 535

<210> 6943
<211> 551
<212> DNA
<213> Homo sapiens

<400> 6943
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ttacaggcat gcaccaccac gcctggctaa ttgtattttt agtagagacg gggtttctcc 180
atgttgaggc tggctctgaa ctctgacct caggatgatc tcccgctcg gcctcccga 240
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atagaagcac acggttttac tgcaattcag tagcttctcc ttttttctt gagacagggt 360
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ctcctgagct caagcaatcc tctgcctcag cttccaaagt gctgggatta cangcgtgtg 480
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actngggtgc n 551

<210> 6944
<211> 554
<212> DNA
<213> Homo sapiens

<400> 6944
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tgctacttat gtctttttgt gcaatagatt gatagtatt catatagtag acttgtgctg 180
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taaactttcc tattgctggg aactaatttt taaacatgga tcctggattg agtccgtgcc 360
acacttgat gggtacatgt gccagttttg ttatatcttt aactatattt ttaactactt 420
gcccttgatc acctgtgtgt agaaaacaat tagtaaagtt aaatttttca caaacttctc 480

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tttcagctgc tacaagtagt caagagctag gctatittga tagatagcat ttctcatnag 540
aagtctcctg ctgg 554

<210> 6945
<211> 498
<212> DNA
<213> Homo sapiens

<400> 6945
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ttcaaattcc acttgaaaaa gaggcagaca agcgatagtt gggatcccag cctgctcctg 120
gaggagctcc tgtgtccaca aaaaagcacg cacattctac agctatgcga ttigtctact 180
cggaattgca ttttgaaaaa ctctctccag agtccccttg cagaacgcca ttigtgtcctt 240
tagttggttg tagctgggaa acaacaacag aaagaaaagg aactccatcc taagacttct 300
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atatatatct atatatatct catatatata ttctcactga aaagcanatc attgtttatt 420
tcacttgctt tgntgtcaca tcggaccctt agggatggnn tnnggacacc tggctcttnc 480
ttcttcgtgg gatcctgt 498

<210> 6946
<211> 549
<212> DNA
<213> Homo sapiens

<400> 6946
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ggctcacagc aacctctgcc tcctgggttc aagtgattca cctgcctcag cctcctgagt 120
agctgggatt acaggcatgc gccaccacgc cgggctaatt ttgtatatt tagtagagac 180
ggggtttctc catgtttggtc aggctgggtc cgaactccgg acctcagggtg atccacctgc 240
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taaagagctt ttttttgttt atTTTTTgag acggagtctc gctctatctc ccaggctgga 360
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tgcctcagcc tactgagtag ctggggctac atgcgccgcg caccacactc ggctaatttt 480
tttgatttt taagtanaaa anggggttca ccacgctngc cnngatggct tgaactnctg 540
acctcngaa 549

<210> 6947
<211> 545
<212> DNA
<213> Homo sapiens

<400> 6947
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ggctcactcc atcttttgcc cctctaggga gcttcggtga tgtggatctg ccttggggca 180
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aatccctgtc tctaaaaata taaaaattag ccgggtatgg tggcaccgta tctgtaatcc 360

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gagcccgaga	tcatgccact	gnacttcacc	tgggggacag	agcaagactc	cgnttcaaaa	480
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<210> 6948

<211> 554

<212> DNA

<213> Homo sapiens

<400> 6948

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tacaggcatg	cgccaccaca	cctggctaata	tttttggtgt	ttttagtaga	catgggggtt	180
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catgaattct	aagactttat	cnaatgggtc	tctgcttcac	attctgacca	ntacttttaa	480
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<210> 6949

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6949

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catcctcagc	ccgctgattt	ttggtctttt	gtcctttgat	ccagcagttc	ccacgtggat	180
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aaaattccaa	cagtttcaaa	aaaactgttc	aaagtangag	atgatggcac	ccaaacacag	480
caggacttct	cggccctttn	aggttccttt	aaggaacgcc	tnagctgccc	attcncgtg	540
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<210> 6950

<211> 526

<212> DNA

<213> Homo sapiens

<400> 6950

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gataaaattt	gagttttcaa	gcaaaaantta	gcattttgga	aaacatacat	ctgccatcct	180

aagcttgaca	gcttctcaat	notgaagact	tatctgatga	gactagtggg	aatattaaga	240
attatgattt	tttgatatgg	tttgataaaa	tgagtcaatt	ttcaggagat	ctgtacaatc	300
taggtaacta	atattttcca	aatggccaat	gacactgntt	taaaagcaaa	aaagtcattc	360
caagtgaag	gtaaaccant	ggatnttatg	tcattgagta	cataaagttc	acaatatggg	420
ctttgattnc	acattacaac	ttttaagaca	acntcaatta	tcaaaaagtta	ctgggttantc	480
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<210> 6951

<211> 548

<212> DNA

<213> Homo sapiens

<400> 6951

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gggactacag	gtgcccacca	ctacgcccg	ctaattttt	gtatttttag	tagagacggg	180
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ntaagcccaa	tttctttctt	aatggactan	ggcccacaac	ctngtnttta	caaggnttca	540
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<210> 6952

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6952

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<210> 6953

<211> 556

<212> DNA

<213> Homo sapiens

<400> 6953

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tgattcacta	aaattcacia	agatgcttat	tttatgaatt	attcatcaat	acttggcata	240
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<210> 6954

<211> 570

<212> DNA

<213> Homo sapiens

<400> 6954

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ctctcaccga	ctctccttgc	caaaatgctc	agacatgata	cctggcagcg	ggtcagctta	180
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gacaacagac	ctttggtggc	taagggctct	ctgaccatag	cgcttgctc	tgatagcaca	300
gactggatgc	tgcggccaaac	agtacacttg	gacctgacag	tccaaagggc	ataaaacagc	360
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cactgggtcg	gctttgcttt	ctggangcag	aatncaacca	gggaaatgaa	agcttttctg	480
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<210> 6955

<211> 537

<212> DNA

<213> Homo sapiens

<400> 6955

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gggattacag	gcacatgcct	acacaccggg	ctaaggagta	aacatttttag	taaccaagtg	180
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gcaccctgga	gttccacagt	gcttctctga	gacagccaca	gagatagaag	gacagcttan	420
tgaggagtcc	ccactacccc	atcgaaangg	gacttncatg	aataataagt	gcttgnacaa	480
aactaactct	nttctataac	tcttctgnnt	aaaaccttag	ncttttttag	aatnaaa	537

<210> 6956

<211> 561

<212> DNA

<213> Homo sapiens

<400> 6956

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gctcaagcaa	tcctcatgcc	tcaatctctg	gagtagctgg	gactacagga	gtatgccacc	180
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acctttgact	tagaagaata	aaagtcagtc	agcctccaga	atatataaag	agcacttaca	420
actcaacaaa	aaaagacaaa	caaccaattt	aaaaatgggc	aaaggacttg	aatagacatt	480
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<210> 6957

<211> 558

<212> DNA

<213> Homo sapiens

<400> 6957

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ggctaataat	gggcanatat	gcaatgcana	tctgggctat	acctgggatc	cccgttttgg	540
aaatgcccg	aaatgggg					558

<210> 6958

<211> 562

<212> DNA

<213> Homo sapiens

<400> 6958

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acaagtacct	gccactacac	ccagctaatt	tttgtatttt	tagtagagac	gcggtttcac	180
catcttggcc	aggctgggtc	tgaactcctg	acctcgtgat	ccacctgcct	cggcctccca	240
aagtgtctggg	attacaggcg	tgagccaaca	cacccggcta	tttttttttt	tttttttaag	300
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caacgttgcc	caagctgggt	ttnaaactcc	taagccttaa	acgatcctat	ggcttaagct	540
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<210> 6959

<211> 553

008240" 69462960

<212> DNA
<213> Homo sapiens

<400> 6959

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gttctaaaaa	cataaacatt	TTTTgatatc	agtaccaacc	cactTTtaatt	tatatgtgaa	180
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aaacagggac	tgatgtggat	atcaacaatg	gnttcattcct	aaaactgagt	tttagcattt	360
gnttaagtat	atttacctat	ttagTTaaag	cccattacaa	taatctttca	ccccattcct	420
tggggnttaa	ggnnaatttc	atttttttta	gagatgggat	cttgctatgg	tgncccccaa	480
tggatcaaaa	acctgggctt	caaaaaaaac	ctcctgctna	acctcttgnc	cacttggggac	540
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<210> 6960

<211> 396

<212> DNA

<213> Homo sapiens

<400> 6960

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tcacaggcgt	ctgccaccac	gcctagctaa	ttgtttgtat	ttttagtaga	gactaaaaat	180
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cntgagccat	tgcgcccagg	ccctctngna	nttttttaaa	agtggcaagg	gcttgctatt	360
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<210> 6961

<211> 316

<212> DNA

<213> Homo sapiens

<400> 6961

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gggagcttgg	ccatctgcat	ccccacttcc	catagcccag	gcagagggac	agagaaatgg	180
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<210> 6962

<211> 525

<212> DNA

<213> Homo sapiens

<400> 6962

008270 69462960

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gatgactcat	tcattaattc	cacaagtctt	tacggagtac	ccactctgag	ccaagtgcag	180
ggctggctac	gtgggtcaacc	agtgtctccc	atctgtcctc	ttgggggtta	aaacggactc	240
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accattcttt	aatatcttaa	ttatgaagac	ttcttcttnc	attcttctat	tagagtcnc	480
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<210> 6963

<211> 461

<212> DNA

<213> Homo sapiens

<400> 6963

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ttgcaagatt	tgatttccgt	ttttttatth	ttttcaattt	ctttgttaaa	tttctttgat	180
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<210> 6964

<211> 540

<212> DNA

<213> Homo sapiens

<400> 6964

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tcatgaagtc	ccaatgcagg	gtgacaagtg	acacctgaga	ctatttncag	ggaagatccc	480
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<210> 6965

<211> 549

<212> DNA

<213> Homo sapiens

<400> 6965

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<210> 6966
 <211> 533
 <212> DNA
 <213> Homo sapiens

<400> 6966	
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<210> 6967
 <211> 529
 <212> DNA
 <213> Homo sapiens

<400> 6967	
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ttatacagta	atgtaacacc
ttggtatttc	acttaacttt
tctgggtgtg	tgtgtgtgtg
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aaaatattta	taaacttcag
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<210> 6968
 <211> 543
 <212> DNA
 <213> Homo sapiens

<400> 6968

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ttggangctt	ccggttccaa	tgacaatttg	cttttcanaa	tgcttgctnn	aatgcttttt	540
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<210> 6969

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6969

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tattaggcgt	gtgccaccac	gcccgggttaa	ttttgtatt	gttagtagag	ttggggtttt	180
gccatgttgg	ctaggctggt	ctcaaactcc	tgacttcagg	tgatccacct	cccttggcct	240
cccaaagtgc	tgggattaca	ggcgtgagcc	accacgcca	gcctgtaaat	cttgacaaaa	300
ttcccagagg	caaaattatt	agaaggctgg	gagccaggat	taaaaaacat	aaaatccttg	360
gcttttccat	ttatttcaca	ttgcctcttc	ttagaatcca	cttctacacc	aaagcagtta	420
aaatcaatgt	ggatttgtat	tttaatagaa	gggttatggg	agtagtggga	aaggtagcaa	480
ataataacta	tggttatttg	atctactggt	cctaacattt	ggacctatcc	aatcatttaa	540
n						541

<210> 6970

<211> 330

<212> DNA

<213> Homo sapiens

<400> 6970

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taatcccagc	actttgggag	gctgaggcaa	gaagactgnt	tgaggctagg	agttccaggc	180
aagcctgggc	aacatagnga	ccctcatntt	tncaaaaaat	taaaaaatta	gttgggcatg	240
gnggnntatg	cctgtagccc	ctggctatta	gggaggctga	ggtaggagga	ctgnttgagt	300
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<210> 6971

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6971

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009220" 69462960

gagagagggt	gttgctctgt	ctgcagtc	at	agctcactac	agcctcgacc	tcccaggctc	60
aagcgatcct	cccacctcag	cctcacaagt	agctggaact	acaggcatgc	gccaccatgc		120
ccagccaatt	tttaaatttt	tagtagagac	aaagcctcac	cgtgttggcc	agttgaactc		180
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ccttcttttc	cacagaagct	ggaccagggt	ctgttaccat	taaaaaata	ctggattcaa		420
tatttttaaa	gacnagaagg	gaaagagaac	aggttcttgc	aaagagaggt	acagctngat		480
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<210> 6975

<211> 514

<212> DNA

<213> Homo sapiens

<400> 6975

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agatacatgt	taactgcata	gagtaccata	aaggagccca	ctgggtgagct	tcactgtcac	180
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atgtgagcaa	gcagtggggg	tcagtttggg	accaagtagt	gccatttaca	aagagcatgg	360
gaagcacctc	cttaggaggg	gagcagggcc	atctccacgt	tgtcaggggc	cgcgcccgtt	420
gcctgccaga	ccctggggcc	acttgtgcan	gcggctgtan	antgggaagc	cctgggtntn	480
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<210> 6976

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6976

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ttacaggcat	gcgccaccac	gtccggctaa	ttttgtattt	ttagtagaga	cagggtttct	180
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gtttgtatta	ttagtaaaga	cagggtttca	ccattttggc	caggctggtc	tcaaactgct	360
gacctcaagt	gatccgccc	cctcggcctc	ccaaagagct	ggggttacag	gcgtgggcca	420
ccgtgccag	cctactattt	accatattgg	ttcatccaaa	aacattaaac	cttatattta	480
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g						541

<210> 6977

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6977

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ttgcctaaga	aacagtattt	actgtgtgta	catagttgac	tgacaaaatt	ctctaccatc	180
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ggaggaaaaa	gacacacaca	tacacacaca	cacacacaca	cacacacaca	cacacacaca	300
acctttctgtg	gctcaaaaaca	cagtatcacg	gccctatntg	caggcaactt	gcaattgccca	360
aatacaattt	agtataaaaa	aaaaaaaaacc	tttcaagtga	tggaaaaaat	acttggttaag	420
tcccactgaa	gtactgcttt	aggtttaacta	tnctangaa	attacttaaa	cttctgcttt	480
tccaaatnln	ttaatngctc	atggttttaa	gatgagcctt	tcnaaccccc	aaaggtacct	540
g						541

<210> 6978

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6978

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gcagcctcct	ccttggagcc	ccaccctttg	cgttttttgg	atcaagggag	ttaaaacagt	180
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cttgttcact	gttataattt	ggactcctgt	tgactaagtt	caatattcaa	gaattcctgt	300
gggtacatca	gaaaaactcg	gtgggggaaga	actattagaa	tgaactctag	ctgtaattca	360
ccagggtagc	aaganggtta	agaagacagc	agggaacccg	tgangtactc	tgggttnaag	420
gatcccagtc	ttttgaaacc	acanggtgga	canggcctnc	tcagcttaag	gctggagcaa	480
aatgggcaat	tctgaagctc	atgtactttt	gaaaatattt	aagagtacca	gnggctaaag	540
c						541

<210> 6979

<211> 543

<212> DNA

<213> Homo sapiens

<400> 6979

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aaagccaaat	tcagaaataa	gagctgatac	gtgcagacag	tgacaatgta	gaaaccagct	180
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gcaaatacatt	tcacactgtt	tgtatcaagt	gcttggcaca	ggaagatgcc	acaaggtcaa	300
taaaatacag	acaatattat	tacttaaatc	ctataaaact	tttctgaggc	tggatgtggt	360
ggctcatgcc	tgtaatccca	acactttggg	aggattgccc	gagcccagga	caggaggntg	420
aggcttgagc	tgagcccaag	attgatcctg	ctactgnact	tccagcctgg	gagacggagc	480
gagatactgg	ctcaagaaaag	gaaacaaaaa	acttttttgg	gagattacct	tccggatagt	540
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<210> 6980

<211> 504

<212> DNA

<213> Homo sapiens

<400> 6980

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ctacaggcac	gcaccaccat	gctcagctaa	atitttgat	ttttagtaga	gacgggggtt	180
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ccaaagtgt	gggattacag	gcatgagcca	ccgcgcccgg	ccctgtgcat	tcttatttca	300
tagttctctc	tccatcttcc	cagggtgtgca	tgaactgttt	tgcaagtaca	ccccgtgaat	360
tttaaagaaa	tggnttactt	ttattagtta	ctacatataa	ttttttta	tggtattnga	420
aagcttttta	aaaagctgaa	caatanttgg	gtactttatc	tactaaaggt	taagggaatn	480
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<210> 6981

<211> 511

<212> DNA

<213> Homo sapiens

<400> 6981

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gtggggtcgg	cccaggctgg	gacctagccc	agcccctctc	ggccgntgct	gaccgccatc	180
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gtcgtcgggg	gaagcgcggg	gcacgtgctc	gcaggtgatg	aggtgggtgg	gcagcgcctg	420
ggtgtcgtgg	aaaatgacca	aaatctgggc	ttggcaaaag	cannccacgg	ggctttnta	480
anccaagaac	ncctgggcn	gaaccccaaa	a			511

<210> 6982

<211> 534

<212> DNA

<213> Homo sapiens

<400> 6982

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attaccagaa	gaccgagtag	catgtatacc	ttatttctaa	tctcctgaaa	aaatttagaa	180
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ggcccatata	gattcccaac	tagtgatcag	ttccttgctt	cttagagtaa	ctgagcaaat	300
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aatcctttgt	tatatgaca	atatagattt	aaatatagct	ttatataata	agtttgtcag	420
ggtaaagtca	gaaaggatgt	gaactgagaa	gactgcanaa	agtttctggt	aagggaaaaa	480
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<210> 6983

<211> 541

09629469.072800

<212> DNA
<213> Homo sapiens

<400> 6983

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agatgtgggt	aaggtaacag	attttttagat	gaggggatta	tcctggatta	tcgggtaggc	120
tcaaaataat	tacatgatcc	tttaaaagca	gagaacattt	cccacgaaa	gtcagagaga	180
tgaggcctcg	tgagaaggat	tccacacact	cacactctcg	ctggctctga	gatgtaggtg	240
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a						541

<210> 6984

<211> 541

<212> DNA

<213> Homo sapiens

<400> 6984

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caagctccgc	cccctgggtt	cgcgccattc	tcctgcctca	gcctcccaag	tagctgggaa	120
tacaggcacc	cgccaccatg	cctggctaata	ttttttgtat	tttttagtaga	gatgggggtt	180
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accctactct	tctcaggttc	ttactgctcc	tgtgggaaat	cagaaagagc	agccagcaga	420
caacaccaac	tgagatgaat	gccnctggaa	tggcacangt	cagtatggca	agaaatacca	480
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n						541

<210> 6985

<211> 539

<212> DNA

<213> Homo sapiens

<400> 6985

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ctgttatagc	tgggaggaaa	catgggtgtc	acctacttca	acactttaat	ttccgagatg	480
tggcactnan	accattcgga	aagtaagaag	acnttcctna	tgcggnaaaa	ctaattagn	539

09629469.072800

<210> 6986
<211> 534
<212> DNA
<213> Homo sapiens

<400> 6986
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attttaccct catagcaacc tatgaaacct gtgttagaat tgacatttga tgacaaggctc 360
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<210> 6987
<211> 541
<212> DNA
<213> Homo sapiens

<400> 6987
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cccacctcag cctcccaaag agccgggacc acaggtacaa gccactacac tccactaaaa 360
aaggctttta aaattagaat catcacagta taatttccat atatagaaat tatttaaatc 420
cccaaaaatt acctttcttt tttctcatatc agggggcatg tggcttatgt aggaacctca 480
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a 541

<210> 6988
<211> 536
<212> DNA
<213> Homo sapiens

<400> 6988
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gaggcagtct tattagaata ttatcaataa ataattttgc cataatattg tcataataag 420
tgtcaattca cacttgacc atacagttcc tttgtccaga ctaaattctc tatacctcct 480
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<210> 6989
<211> 533
<212> DNA
<213> Homo sapiens

<400> 6989
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tagaggcacc tgccactgcg cccagccaat tttttgtatt ttttttagta gagacggggt 180
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tcctttggaa ganganaggo gctctgattt taaaagtttc cgggttttct gctctggttt 480
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<210> 6990
<211> 540
<212> DNA
<213> Homo sapiens

<400> 6990
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cagaaatcgc caatatgggc ttccccaaga aataacctca tttccttttt taacctaaag 480
ccgtattatt cttgccactt tttttnaatc tataaaaact ggngttaaat tttttggttt 540

<210> 6991
<211> 530
<212> DNA
<213> Homo sapiens

<400> 6991
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ttacaggcat gcaccacctc acccgtctaa ttttgtattt ttagtagaga cggggtttct 180
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ccaaagtgtc gggattacag gcatgagcca ctgtgtctgg cttttttttt tttttttttt 300
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aatgtacat tttccacacg ctgagtacta tctaaatttt ctattgataa actctgacca 420
cttnttcagg caattcatgg acttacttta gcattatcat taangntgaa aggtctagaa 480
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<210> 6992
<211> 563
<212> DNA
<213> Homo sapiens

<400> 6992
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gaaaggccca gatactcctt ctgcccttgg caatgaagac acacagtgcc aaccagaagt 180
ttgcatctta agtgtgtgta ctcacagaca cagggacaat caagaaatca gtctaacagc 240
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cacctgaggt caggagttag agaccagtct gccaacatgg agaaacctgn ctntactaaa 480
aattccaaan tagcaggatg tgggtggtgca tgcctgnaat cccagttggt caggaggccg 540
accaggaaa attggttigna ccc 563

<210> 6993
<211> 557
<212> DNA
<213> Homo sapiens

<400> 6993
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ccttgagagt gaagtctaca gaaatgcagg ccagaaaggt gtaagggtgtt attccagtct 180
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<212> DNA
<213> Homo sapiens

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agccagcacg	tccagcctgc
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	ctgcctaggc
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 <213> Homo sapiens

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<210> 7000
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 <212> DNA
 <213> Homo sapiens

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<210> 7001

<211> 385

<212> DNA

<213> Homo sapiens

<400> 7001

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<210> 7002

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7002

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<210> 7003

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7003

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actgtgg	gag	gctaag	acag	tcaaat	cacc	tgagg	tcagg	agtttg	agaa	240
aacatgg	gaga	agcccc	gtct	ctatca	aaaa	tacaaa	atta	ggtggg	agtg	300
cctgta	attc	cagctac	tca	ggagg	ctgag	ccaaga	gaat	tgcttg	aacc	360
aggtt	gtgtg	gagctga	cat	ggtgcc	attg	cactcca	aacc	taggca	acaa	420
ccatctc	aaa	gcaatta	att	aatta	attaa	ttaaa	agaaa	tcatgat	gca	480
agcagg	anaa	gagagt	acag	catgtag	gtg	atggac	cccc	taatg	cccat	540
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<210> 7004

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7004

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gactctc	cagc	acttgt	gcac	aatgaa	agag	gaaatc	gttt	ttaaaa	aatg	tctata	acag	180
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cttactc	tta	ccccacc	act	ttggg	acaag	acgttt	ggcc	ccagca	acaa	accaac	cccct	540
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<210> 7005

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7005

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tagccgg	gat	tacagg	tgtg	tgccacc	acg	cccag	cta	ttttgt	gttt	ttagt	agaga	180
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agagtag	ctg	ggaccaa	agg	tgtacg	ccac	cacac	ctag	ttatta	attt	ttgtag	ggac	480
aagggt	ctg	atctgg	tggc	taagct	gggc	tttaa	actcc	ggncc	taa	ac	gatc	540
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<210> 7006

<211> 557

<212> DNA

<213> Homo sapiens

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<400> 7006

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<210> 7007

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7007

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<210> 7008

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7008

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<210> 7009

<211> 566
<212> DNA
<213> Homo sapiens

<400> 7009

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ctgtgttaag	aaaagaggca	aatttgcttt	ctcagactgc	acagagcatc	tcattatttt	240
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<210> 7010
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<212> DNA
<213> Homo sapiens

<400> 7010

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<210> 7011
<211> 565
<212> DNA
<213> Homo sapiens

<400> 7011

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ccctgatttt	ggccttctga	aaccataggc	agtgaactga	ggtgagccat	gccagacttc	480
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565

<210> 7012

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7012

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<210> 7013

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7013

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aagacatgag	tgtgagcctt	ctgttatgcc	cagacagggc	caccagaggg	ctccttggtc	180
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<210> 7014

<211> 565

<212> DNA

<213> Homo sapiens

<400> 7014

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caaagttctg	ggattagacg	catgagccac	cgcacccagc	cccactttcc	ctattttaca	300
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<210> 7015
 <211> 562
 <212> DNA
 <213> Homo sapiens

<400> 7015						
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<210> 7016
 <211> 577
 <212> DNA
 <213> Homo sapiens

<400> 7016						
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tttagtagag	gcagagtttc	accatcttgg	ccaggctggg	cttgaactcc	tgacctcgtg	240
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<210> 7017
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 <212> DNA
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<400> 7017						
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catcaagcca	caatgaagat	acagaatatt	ctcatcatgc	ccagaaagtt	cccttgtacc	480
cactggtagg	gagtcctttc	ttcacaccca	acccangcaa	cacagacatg	ccntntgncc	540
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<210> 7018

<211> 244

<212> DNA

<213> Homo sapiens

<400> 7018

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acaagcacct	gccaccacac	ccggctaatt	tttttgtatt	tttaatagag	atggggtttg	180
accacgttgg	ccaggctggg	cttgaacncc	cgacctggag	aactgnccac	gnnggncgnc	240
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<210> 7019

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7019

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aaattaataa	tgttctctgg	aaacaaacaa	aaaaatcttg	cccacagaca	atattttattc	420
ttatgagttg	tcaatctcct	tagcaataat	atgtcacaat	tttgtctgct	gcaacagaag	480
aaaaacaagc	tnnacacaca	atacaaaatg	ccttaatttc	tgganggccc	aaaagggcct	540
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<210> 7020

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7020

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<210> 7021
 <211> 568
 <212> DNA
 <213> Homo sapiens

<400> 7021	
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gatgatgtgg	gacagacaag
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<210> 7022
 <211> 556
 <212> DNA
 <213> Homo sapiens

<400> 7022	
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caaagtgcgt	ggattacagg
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<210> 7023
 <211> 561
 <212> DNA
 <213> Homo sapiens

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<210> 7024

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7024

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ggaagaaagt	actaatatac	attgtgcctc	tgtggacatc	acactatgat	cagttaaaaa	120
taggcacttg	gcttaaaact	ttaagaattt	cccactgcaa	aaggatatcag	ctctttaatt	180
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acgttggcta	aatttttgat	ttttggnagg	catgaggttc	nccatgtttg	caagctggtc	540
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<210> 7025

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7025

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ctaaggttac	taagctcaag	aattttcccc	cccaatcaaa	acgggggaact	gggggtatctg	540
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<210> 7026

<211> 544

<212> DNA

<213> Homo sapiens

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<400> 7026

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<210> 7027

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7027

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<210> 7028

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7028

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<210> 7029

<211> 560

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<400> 7029

<210> 7030

〈212〉 DNA

<213> Homo sapiens

<400> 7030

<210> 7031

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7031

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<210> 7032
<211> 538
<212> DNA
<213> Homo sapiens

<400> 7032
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<210> 7033
<211> 488
<212> DNA
<213> Homo sapiens

<400> 7033
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<210> 7034
<211> 570
<212> DNA
<213> Homo sapiens

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<210> 7035

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7035

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caacgtgaac	agctcagaga	cattcctgca	caggagagca	gggaggaggc	agtggaaaagg	360
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<210> 7036

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7036

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<210> 7037

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7037

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<210> 7039
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<210> 7040
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	cggcctccca
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<210> 7041

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7041

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<210> 7042

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7042

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<210> 7043

<211> 571

<212> DNA

<213> Homo sapiens

<400> 7043

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<210> 7044

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7044

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atctagtcca	tattcaaatt	ggaatgattt	cttttttttt	tttttttttt	gaaaccagggt	480
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<210> 7045

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7045

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ataagaataa	aagtcccaca	acttaaggct	ctaattataa	caatgaaata	gatccaaagt	300
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<210> 7046

<211> 571

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 7046

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<210> 7047

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7047

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<210> 7048

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7048

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<210> 7049

<211> 563
<212> DNA
<213> Homo sapiens

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<210> 7050
<211> 566
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<210> 7051
<211> 562
<212> DNA
<213> Homo sapiens

<400> 7051
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562

<210> 7052

<211> 536

<212> DNA

<213> Homo sapiens

<400> 7052

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ggaatcattc	aagtaagtac	ttgtnatat	gcatattn	gggtcattca	tggtttgctt	480
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<210> 7053

<211> 566

<212> DNA

<213> Homo sapiens

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<210> 7054

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7054

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<210> 7055

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7055

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<210> 7056

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7056

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<210> 7057

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7057

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cgataatttt	ttttttgtan	anacnagggt	ctcaccatgt	tgcccaaat	gggctcgaac	360
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<210> 7061
 <211> 556
 <212> DNA
 <213> Homo sapiens

<400> 7061						
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tagaatgcca	gcccaggaca	tctagagagc	atctctncat	gctgggtagc	agtctatcaa	480
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<210> 7062
 <211> 540
 <212> DNA
 <213> Homo sapiens

<400> 7062						
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tggttgtagc	aaaaatgggg	tgtgtgtgtg	ngtgtgtgtg	tgtgtgtgtg	tgtgngtggg	480
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<210> 7063
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 7063						
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cacaggtgca	caccaccaca	ccccacaatt	tttttaaaac	tttttgtaga	catagggctc	180
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gnggntttgg	gtgggtgggg	actacttgca	tgtaggggta	aaangccagg	gatgctctna	480
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<210> 7064

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7064

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tacaagcgtg	caccaccata	cctggcta	ttttgtattt	tcagtagaga	tgggggttctg	180
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<210> 7065

<211> 523

<212> DNA

<213> Homo sapiens

<400> 7065

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acaacacaat	gccagttcaa	gttcaaggga	agtgttccat	cctctttcag	cctccactca	180
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ttgaagaaaa	gaacagagtt	tgggcaacac	ttggggaaat	aaattccaca	gcctttcacc	420
aagttgaaat	cttggctttg	gacacacata	aaaatgacct	ggnccaatct	taactnttna	480
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<210> 7066

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7066

09629469.072800

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tatgtacaaa	ttatgttaaat	ataacggagg	taaatgaaag	tcaaatacat	tggcatgtaa	420
aatgtanacg	tcttttctaa	atggctatct	tctaccang	ctttggttaa	ttttccccta	480
aagtggaaat	gngataattt	ttttttaaat	naagggaatc	tctataataa	atnccaattg	540
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<210> 7067

<211> 501

<212> DNA

<213> Homo sapiens

<400> 7067

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tgcaaccacc	ggtcttcacc	ggattcacag	tcggaaccgc	gagcaaagac	acctagtaga	180
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cggcccagct	tccccatctg	cggccaggca	naactgcccc	gagagaccag	cagcaacgnn	420
tggaanatgg	gcttgccagg	aacgttggga	aaagggaagg	attgggcacc	cancctccgg	480
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<210> 7068

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7068

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tacaggcgcc	cgccaccacg	cccagctaat	ttgttttttt	tgtattttta	ggagcgacag	180
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ggacagacgg	cnanccttga	tcaggaaaagg	ccaaccngg	ccaaaggctt	ggactctggt	540
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<210> 7069

<211> 531

<212> DNA

<213> Homo sapiens

<400> 7069

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aatcttcttg	ctgcctggtc	cacagcagtt	actggggggc	ttggcagggt	gaantgtgtg	420
tcaccagacc	tgcacaagct	tcttcttaca	gatacaacgc	tgactcantg	tgaaggccct	480
taaggctnta	naaaaacccc	aaccaaggga	ggggcnnaa	cccccaanaa	g	531

<210> 7070

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7070

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aagagaaaac	ccacacaaaa	aaaatgaaac	taagagattc	tgaaagcagc	atttcctaata	180
taagaaggcc	caagaagggt	acagatgtac	ccaggtcccc	acaaccagcc	agtggcagaa	240
ccaccagaag	agctcatttt	cctagtgcct	gccaggtttt	tttctacaat	gctcacagca	300
ttgcaaggag	gagttaacgc	caattcttat	tcaaaattaa	attctattag	atattaagga	360
tttctggttg	gaatacttca	gaaatgaaaa	agtattttca	atttaaatta	aattaaattt	420
ccaattaagt	cacagagaac	tnnacttnaa	canggaatct	cttttactnt	anccctttac	480
caaaggaaat	atttcacttt	ttttctttct	gggcatcaat	taagaagttt	aatgtaaaat	540
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<210> 7071

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7071

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ccgagtagct	gggactacag	gcgcccacca	ccacaccggg	ctaattttct	gtatttttag	180
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tttgtacctt	ttaaaaaata	gtgctaattg	aataaatatc	ttaaacaacct	tgtgtgtaga	360
gcttattaca	aagaacagac	tgttttgaca	atttcagatc	atcattacca	atattaagtt	420
acaggtactt	ggngactcta	agtaggacca	gaacagaagc	ctcaatgngc	tggcccaant	480
tgacatntat	gcctgancgn	aaggcttttg	ggcttgaaaa	tcttcccatt	agaaaatcan	540
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<210> 7072

<211> 559

09629469.072800

<212> DNA
<213> Homo sapiens

<400> 7072

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ctttcaatgc	ttgcagatga	gaaaatctgc	tncaatgggt	ttttttttt	tctcctttgg	420
caaagggtta	atttattctg	ggggaggccc	ttgagaattt	atctggggat	ttcaagaatg	480
tccccaggan	aatgccaagg	gggggctttt	tnnttaagna	acccttgctt	ggactttacc	540
aaactttact	gggcaaacn					559

<210> 7073
<211> 554
<212> DNA
<213> Homo sapiens

<400> 7073

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acaactgtta	tcttctttta	gaaatgatgg	gaggcctttt	ttccaggtat	catagtcaat	180
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tgtcacatct	tgagttagca	tgatcataga	ctccatggag	cacatttaca	actgggaaca	300
caaagtctgt	tcacttttcc	caggcctggg	ccattacctg	aagattagga	cacccaatga	360
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gccacaaaag	acattctcta	attacttctg	aatgaaaaac	agagactttt	aatttctntgc	480
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<210> 7074
<211> 530
<212> DNA
<213> Homo sapiens

<400> 7074

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<210> 7075
<211> 254
<212> DNA
<213> Homo sapiens

<400> 7075
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gagagaccaa ttccacgtga ggtcccagaa gtgttgatct aaacaagttg accccataga 180
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ggggggnnngn nnnn 254

<210> 7076
<211> 533
<212> DNA
<213> Homo sapiens

<400> 7076
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tacagggtaca cgccaccata ccagctaatt tttttgnaat ttttgtnag gcggggtttt 180
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tactgattca ttaagtgcga gtctaattag cattacagat tatgagtaat aactttatta 360
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tctntgacca ccccatntaa gctggaactc cttgctggng gatcctagge ctatacccta 480
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<210> 7077
<211> 549
<212> DNA
<213> Homo sapiens

<400> 7077
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agggattaga aatatttncc tgataagtgg gtttcancng angnagtatt aacaagctaa 480
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<210> 7078
<211> 560
<212> DNA

<213> Homo sapiens

<400> 7078

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<210> 7079

<211> 383

<212> DNA

<213> Homo sapiens

<400> 7079

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<210> 7080

<211> 520

<212> DNA

<213> Homo sapiens

<400> 7080

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<210> 7081

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7081

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acagactggc	taaaacattn	canaagagac	ttaaagaggt	gcngacntaa	aacanttggt	540
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<210> 7082

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7082

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<211> 570

<212> DNA

<213> Homo sapiens

<400> 7083

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ccttgtcgct	tctgtactga	tctctcaaca	caggagattc	ccaagggctc	agaactagcc	360
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tctgcatgtt	gatttccaca	tccataactc	cagtctacat	ggcttctctg	nccaccatat	480
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<211> 578
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<213> Homo sapiens

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aggggaaaca agggaccttc ttcataaggc anatgaagga aaattaatgc nggaggggact 540
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<210> 7085
<211> 563
<212> DNA
<213> Homo sapiens

<400> 7085
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<210> 7086
<211> 485
<212> DNA
<213> Homo sapiens

<400> 7086
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gacaa 485

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<211> 396
<212> DNA
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<210> 7088
<211> 580
<212> DNA
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<210> 7089
<211> 569
<212> DNA
<213> Homo sapiens

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<210> 7090
<211> 577
<212> DNA
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<210> 7091
<211> 575
<212> DNA
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<210> 7092
<211> 561
<212> DNA
<213> Homo sapiens

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<210> 7093

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7093

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taatctccca	atttttttta	tttaagtgc	attattttta	tttaagtncc	attntaaaac	540
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<210> 7094

<211> 559

<212> DNA

<213> Homo sapiens

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<211> 550

<212> DNA

<213> Homo sapiens

<400> 7095

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caggcgtgtg	cctccatgcc	cagatgattt	ttgttatttt	ttgtagagac	aggatcttgt	180
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cccaaataaa	gtgaggtctc	agtgtggcag	gatgtagggc	tttgggtgtg	tggtgggtgc	420
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<210> 7096

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7096

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gttgattcan	aggttttaag	cccatgcttt	ggtagataaa	tagagtattt	tgagtaactt	480
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<210> 7097

<211> 500

<212> DNA

<213> Homo sapiens

<400> 7097

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cctagcctca	cctacttttt	ctaaatgatt	taagataatc	attttacc	aaaaaaaann	480
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<210> 7098

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7098

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gcacttcagg	aggctgangc	aggagaatcg	ctttaaccta	ngangccaag	gctatagtga	480
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aaaagaaaga	gaaaaaacc					559

<210> 7099
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 <212> DNA
 <213> Homo sapiens

<400> 7099						
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cggaacggca	gcagcagcag	gacgattaag	acaaggagga	tggctccaca	gacgctcatg	360
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<210> 7100
 <211> 554
 <212> DNA
 <213> Homo sapiens

<400> 7100						
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<210> 7101
 <211> 556
 <212> DNA
 <213> Homo sapiens

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acagaagttt	cancatgttg	gncagctgg	ctggactcct	ggacctangn	gatccacca	540
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<210> 7102

<211> 555

<212> DNA

<213> Homo sapiens

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ggccatcctg	ctatagatca	cactgctgag	ttttggttgt	atttgtttta	gaagcagcca	420
tcattcaccg	agggggagag	aggaaaggga	agagagggga	agagaagaat	ggggagggat	480
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<210> 7103

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7103

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aatttcctaa	tgtttactga	gactcttcaa	gagtgaggga	gggatataat	atacagcatt	360
tcctcagttt	atttagccac	tgaattttatt	ttttgtaagc	atctcaagga	acttgagccc	420
aaattttgca	aaactgcatg	taatatacaa	tgttgctttg	gttgccctttt	ccagcttctg	480
nnagagaata	tttaaattat	tttatctttac	ttataaacat	ttttaaattg	ngatattgng	540
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<210> 7104

<211> 560

<212> DNA

<213> Homo sapiens

05629469.072300

<400> 7104

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ctacaggcac	cggccaccac	accagctaa	ttttttgtat	tttttagtag	agacagggtt	180
tcaccgtgtt	agccaggatg	gtctcgatct	cctgaccttg	tgatctgctg	cctcggcctc	240
acaaagtgct	gggattacag	gcgtgagcca	ccgtgcccg	cccataatct	ggttttgtac	300
cagtcttcaa	aaccttccag	ctacactggc	cacactatat	tttcaaatta	atctttcact	360
gctctagctc	tatggccatc	ttcttcctct	ggaccattta	atcatgaatc	cagaaaaatcc	420
taccagaga	aggcagaaaa	nagaggacaa	gaagtctnca	ttcttttggg	tccatcacct	480
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<210> 7105

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7105

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nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 7106

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7106

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gcctcccag	tagctgggac	tacagggtcc	caccaccacg	cccggcta	ttttttgtat	180
ttttagtaga	gacgggggtt	caccgtgtta	gccaggatgg	tctcgatctc	ctgacctcat	240
gatcctccc	cctcagcctc	ccaaagtgct	gggattacag	gctcgagcca	ccgcgccttg	300
cctagcagac	attttttaaac	acccaatatg	ggtattgttg	tgggggataa	aaagacgtac	360
aaaatatagt	cctcagcttt	aagaagtcta	tagttttgtc	aagaggattt	gggaatttctg	420
aaaacagttc	tgtggcttct	agaaagacat	ttttcccata	aactnctctg	ggctcttgng	480
ccanccgnac	tcattttcat	agagnaagtg	agttncccga	acttaacttt	taaaaaagga	540
accgatttgg	angggtttct	ggg				563

<210> 7107

09629469.072800

<211> 534
<212> DNA
<213> Homo sapiens

<400> 7107
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ttctaccatc ccccatcatt ngcatacatt tttgtcaagn ccaaacataa tttgaagnga 120
ggtaggtagt ttctctntac ttgngccgtt gnccttgggg tgatgtcggg gcctgtgccc 180
tgaacgcact tgtctcctgt gcagggggcag ngccagggct ggcatcagng gctggnggag 240
cttctnagtn ggctatTTTT tcaatctcgt ccaaatcatn tgggnccaat ctttctatct 300
tcttattaaa angctcctgg attctgttca ggatgttcat gctgtgcttg ctgtccacca 360
tgttcactgc caggcccntt ttgccaaagc ggccgtgCGC cggaccggtg caggtaggtc 420
tcattgncag gattcccggc cttncacagg gaagaacaaa gttgatgacc accngacctt 480
ggtcaaacat taatgccgng ggcacccccc ttggggggan caaaacctt tttt 534

<210> 7108
<211> 556
<212> DNA
<213> Homo sapiens

<400> 7108
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ctgggactac aggtgcatgc caccacacct ggctagtTTT tgtatTTTT tggagagaca 180
aagTTTTgcc acattgccc ggctggtcct aaactcctgg actcaagtga tccaccacc 240
tcggcctccc aaagtactgg gaatacaggc atgagccacc atacctggcc tagaactact 300
tttcacaaca gtatcatgga aaggaatagc tctctcactc tctcaatata tgtattatgt 360
atataaaaca atgaacatgc ctatcagatt gaacaaaaca cagatctgaa ggtgctatTT 420
ctacattttg aaggttatcc aaaagtataa attaaaaaaa aggagaatgg caagtggTTT 480
aacgcattgg tcataaatac tgggacagaa acnncaggc cancangtta attgcctggg 540
anttaanccn cccttt 556

<210> 7109
<211> 556
<212> DNA
<213> Homo sapiens

<400> 7109
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cctttatgat ggaggcagct cctccccaag gtccactta cagagtgaga cctttgtcta 180
cttctgtttg gcatgtgctg gccatgtgca aaccacaat tatattggcc aatggcaaac 240
agaattggga aaccaaccat ttccaataaa ataaggTTtc atttcaaacc agatacacc 300
attttgggga ttaccaattg ctttggagtt tctaaatcac ttctcccatc tgcatacatg 360
ggcaacaggg ctaacttacc acctnccagt gaaaaataaa aagataacca aaccctggac 420
ctctgttgcc ctccctntcc cgtgcctggg ttctcatcc ttgcatttct tggctggngc 480
tatccttggg aagccagnca ccagtcnatg gctctattgg ctggnaattg ctttggntat 540
attggnacct tgaaag 556

<210> 7110
<211> 555
<212> DNA
<213> Homo sapiens

<400> 7110
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acctctgcct cctaggttta agcgattcta ttcttgtgtc tcagacacct gactacctgg 120
cactgcaggat atatagcacc atgcccact aatttttcta tttttagtag agactgggtt 180
caccatgttg gccaggctga tattgaacct ctgagctcac gtgatctgtc tgccttggcc 240
tcccaaagtg ctgggattac aggtgtgagc caccgcacct ggccaaatgg taggtttttt 300
aaaagctcat attaaaatat ttctttccat gtcaccacat gggcttgaca gcaataattt 360
aaaattgggtg tataatattc tattagattg atacattatt tacctcgcta tttattagat 420
atttttattt gctttaaact gtttttcaca agtatcaaca attatgaatg ncttcattta 480
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nttaaaaaaa ggggt 555

<210> 7111
<211> 558
<212> DNA
<213> Homo sapiens

<400> 7111
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tggaagtccct gataagctta ttggactata agaggggatc ttcatatgca gtgctgagaa 180
atcccaactc ctgataccaa atgctgttga gcttttctct tccaatttca cttttttttc 240
tgttttcgat attcctgctg ctgctggagc tcctcttcca tcagctattg ctttgggaaga 300
aggatttggg agcatctgtg tatcctcttt ttctgcccct ggacattcat tacggtaaga 360
ggaatctgag gctaccggtg ctgtaacttc tgaaccacga ctttaagtcaa gagggagaca 420
gggtcccagc ttctcaagtg gcaaagtgtg aacatcaggc ataagtttta tttatcactg 480
aagaagaaaag ctgagatnca agcggcaaaa ncttgacttg gattaaatct ngggaaaatg 540
gggaattaag ggggnttn 558

<210> 7112
<211> 549
<212> DNA
<213> Homo sapiens

<400> 7112
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ctttgggcaa tgtggccatt ttcatgatat tgattcttcc tgtccatgag catggaatgt 120
ttttccgttt gtttgtgtcc tctcttattt ccttgagcag tggtttgtaa ttctccttga 180
ggaggtcctt tgtgtccctt gttagctgta ttcttgggta ttttattctc tgtttggcag 240
ttgtgaatgg gagttcattc atgatttggc tctttgcttg tctgttgttg gtgtatagga 300
atgcttgtga tttctgcaca ttgattttgt atcctgagac tttgctgaag ttgcttatca 360
gcttaagaag cttttgggct gagtcgatgg gttttctaga tacaggatca tgtcatctgc 420

aaacagggat	aagtttgact	tcctctcttt	tatttgaatc	cctttattct	ttctcttgcc	480
tgaatgncct	ggccanactt	ncaacactat	gtgaataaaa	tggtgaaaaa	nggcaacctt	540
gcttgggnc						549

<210> 7113
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 7113						
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gttctatggc	agctttgggtg	gacagttctc	atatggtttg	aggtctttct	acctcaagtt	180
cctgagtttc	tctgcctgaa	tctcttctct	ggccagagaa	gcatgttcag	cctgagtatg	240
ggatgggctg	gagtgccagg	gaggtaattc	tccaagtaaa	acctcaagc	aacaaagggc	300
agtaattggg	agacagacat	cccagtttcc	ttgatcctgc	atgggacaat	tctaagggtg	360
gtttcatggg	ctctgagagg	gtcccagcag	gactgagtgc	agttgcccac	aggagtaact	420
ttttcaataa	tatccttctc	tattgacttt	tctcatcctt	atgncttacc	tggccctaaa	480
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<210> 7114
 <211> 563
 <212> DNA
 <213> Homo sapiens

<400> 7114						
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aaattaaaaa	gaaaaatttc	tgttcaatct	ttgaaaaaaa	aaaaggaaaa	ggacatgtaa	120
tacaccgttc	aataaataga	aaaaaagtta	caaatgatg	tggtattttg	tccttaatat	180
acaagaaggg	aaaagatgtg	ggggtgactt	gggggggtga	tgttctccct	tctcctccct	240
gggtcaaggt	gggggaaagg	aaggatggcc	aaagagagag	ggcggcaggg	acttaggtgc	300
agagagaaaag	gcaggtaagt	gccgggaaaa	atggaaacag	agtaagatga	aggggcgaag	360
cagaaaagaca	ggaggcgaaa	gggtgaaaaa	gccagaaaaa	caccaagata	caggtctctt	420
tcctttccag	atcgggggtg	ggggtctccg	gctctctcgc	gtctgtgtcc	cccaacccca	480
gttggaaggg	cantgtgaac	ctngctcant	tcctgagtg	acgtcaanga	ctagcaggtg	540
anaaaaaggc	caccgaggac	ttc				563

<210> 7115
 <211> 561
 <212> DNA
 <213> Homo sapiens

<400> 7115						
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ttacaggcat	gcaccaccac	acctggccaa	ttttgtattt	ttagtagaga	tggggtttct	180
ccatgttggc	caggttggtc	tcaaactccc	aacctcaggc	aatccaccca	cctcggcctc	240
ccaaaatgct	aggattacag	gtgtgagggtg	ttattttctga	gggctctgtt	ctgttccatt	300

ggtctattac	atatggctag	ccagttttcc	cagcaccatt	tattaaatag	ggaatccttt	360
tcccaagtta	ttgnttttgc	caggttttgc	aaagatcaga	tggttgtagg	tgtgtggtgg	420
tatttctgag	ggctctggtc	tggtccattg	gnctattaca	tatggctagn	cagtttttnc	480
aanaccattt	attaataggg	aatccttttc	ccaagtatgg	ttttgcaagg	ttgncaaaga	540
tcaaattggt	gaaggggnng	g				561

<210> 7116

<211> 470

<212> DNA

<213> Homo sapiens

<400> 7116

gtaaagaaga	atgaaaacac	tttttttttt	tttttttgcg	atggagtcca	ctctgttgcc	60
caggctggag	tgcagtgtca	cagtcctggc	tcactccaac	ccctgcctcc	cagtttcaag	120
cgattctctt	gcctcagcct	ccaagtagc	tgggactaca	ggtacacacc	accatgcccg	180
gctaattttt	ttgtatgaga	acactttttt	gnactatttt	ggaaagaacc	actagatgta	240
ctattaaaag	aaaaatgcat	atacacctac	tatgtaccca	caacacttaa	aatttaaaat	300
taanaaaaag	aaaaatgcaa	agtnccaaac	agtatgnata	atatgctatc	tgntaattaa	360
aatgctaaaa	gangaagaaa	cagtnggaca	gcaagaatca	cacattctag	caaaacccca	420
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<210> 7117

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7117

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caagtgatcc	tcccatcttg	gcctcccaca	gtgctgggat	tacaggcatg	agccactgca	120
cctggcctgc	ctctaccttc	ccagccctga	cagtttcacg	gtggcctgca	ccctactcaa	180
ggctctgtgt	gacagcagga	cccaggcaag	ctggggggagc	tgactcacc	tgtggccagg	240
ccctgcgtcg	ggaccccggc	cctaactggg	ggcacaggct	gctgagggaa	tgtgtggcct	300
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aagcttcttc	ccaagggcct	ancctggcaat	ataattctgg	gaaaaggtta	catnttttagt	540
gacggttggt	tatctggggc	aatccgtcnt	tn			573

<210> 7118

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7118

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ctacagatgt	gcaccaccac	gctaattttt	gtactttttt	gtagagatgg	cattttgcc	180
tggtgcccag	gctggtctcc	aactcctggg	ctcaagcaat	cctccttctt	tggcctccca	240

aaatattggg	attataggtg	tgagtcaccg	tgccctggccc	tctaaaagtc	cttttccttt	300
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aatcttggct	gacttcaacc	tctgccttct	gggttcaagc	aattctcctg	cctcagcctc	420
ccgagtaact	ggggttatag	gcattgagcca	ccttgccctg	gcattctntca	gcttcaaaaa	480
gagatttaac	aattaatcct	cgactcttat	cactaggaaa	caaacaaggg	catctnttct	540
ntttggctaa	aggaaaa					557

<210> 7119

<211> 462

<212> DNA

<213> Homo sapiens

<400> 7119

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caaaactctgc	ctcccagggt	cacaccattc	tcctgcctca	gcctcccagag	tagctgggac	120
tacagggtgcc	cgccaccacg	cccggcta	tttttttttt	tttgnattt	tagtanagac	180
ggggttttcac	tgngtttagc	aggatgggtc	tgatctccta	acctcgngat	ccacctgcct	240
cggcctccca	aagtactgga	attacagggt	tgagccactg	cgccggcct	gtattttttt	300
atttctattt	ttttttgaga	aagagtcttg	ctttgttgcc	caggctggag	tgcaaggcgc	360
agatctcggn	tcactgcaat	ctcagcttcc	tgggttcaaa	cgattctctg	ntnagcctcc	420
tgagaagtan	ctnggatcac	anggggtcca	caccatgccc	an		462

<210> 7120

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7120

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cagcctctgc	ctactgggtt	cgagcgattc	tcctgcctca	ttgggcactg	aattttgtga	120
tattcattat	attattagta	taagtaaaat	aaaaataagc	aaaacagggt	catgcttga	180
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gaaaggttct	ctatgggggt	tcnaatctna	aancctttta	atcttggaat	aattacngnt	540
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<210> 7121

<211> 452

<212> DNA

<213> Homo sapiens

<400> 7121

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agagaaattt	taaaacagct	ttttatttct	tgtcttatta	atgtttgttc	attactaaag	120
aaatttttaa	atacaaagaa	ggggctggga	gcggtggctc	acgtctgtaa	tcccagcact	180

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ttgggaggcc	gaggtgggag	gatcacgagg	tcaggagatc	aagaccatcc	tggttaacat	240
ggtgaaaacc	catctctact	aaaaaaatat	atatatataa	aattagccgg	gcgtgggtgat	300
gggtgcctgt	agtcccagct	actcaggagg	ctgaggcagg	agaatgggtgt	gaacccggaa	360
ggtggagctt	gcagtgcagct	gagatcaggc	cactgcattc	cagcctgggc	gacagagtga	420
gactccgctc	aaaaaaacnn	nnnnnaaaaa	aa			452

<210> 7122
 <211> 563
 <212> DNA
 <213> Homo sapiens

<400> 7122	
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tcacaaaaac	ctccacctca
tggtgattaca	agcatgcgct
tttctccatg	ttggctcaggc
gcctcccaaa	gtgctgggat
atccacttct	taaccaccta
tcctaattgct	atactgcttt
ccatacccca	catgaacatt
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	tnt

<210> 7123
 <211> 574
 <212> DNA
 <213> Homo sapiens

<400> 7123	
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gagcctccca	aagtgcctggg
ctcttttctgt	ttcaggatcc
tgaatctgta	atgcttatat
cctaataccta	gacgcctgtc
actgnggatt	atggctcagna
ctaagtccta	tgctcactgn
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	nctt

<210> 7124
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 7124	
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	tctcccgggt
	tcacgccatt
	ctcctgcctc
	agcctcccga

008270-69462960

gtagctggga	ctacaggcgc	cgcgccaccac	gcccgggctaa	atTTTTtigna	TTTTTTTTt	180
gtagagacag	ggTTTtaccg	ngTTtagccag	aatggTctcg	atctcctgac	ctcatgatcc	240
gcccgcctca	gcctcccaaa	gtgctgggat	tacaggcgtg	agccacgcac	cgggcctttt	300
TTTTTTTTt	TTTTTTTTt	TTTTganac	anagtcttgc	tctgttgccc	aggctgaaat	360
gcagnggcnc	aatntctgnt	cactgnaaca	tccacctccc	gggttcaa		408

<210> 7125

<211> 505

<212> DNA

<213> Homo sapiens

<400> 7125

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attcatttat	tcaacacaca	tttactgagc	acctaccaca	ttccaggatc	tgtgcaaggt	180
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cgagaggatg	agtggggctg	gagctcaaTt	gcaagatcgg	ggaatacaga	tttgagaatc	420
atcagcccta	angnggncat	taaatgaang	gtctgnctga	gtcatgcnaa	aactgtgtgc	480
agaatgacnt	gagaatgaat	caagg				505

<210> 7126

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7126

gagacagggt	cttgttctgt	agcccaggct	ggagtgtagt	ggcactctca	cggctcactg	60
cagcatcaac	ctcccagagc	caagccatcc	tcctgcctcc	tgaatagctg	ggactacaga	120
tatgtgccac	tgtgccccagc	taattattac	tgttattatg	tttagtagag	acaaggctct	180
actatgttgc	ccagggtggg	ctggaagtcc	tgagctcaaa	tgatcctccc	accgcagcct	240
cccaaagtgc	tgggattaca	ggcatgagcc	attacacgtg	gccaaccatc	ctttattatg	300
ctcttatatg	ttattattaa	ctcacagtta	ctgtgatcaa	gaagagctaa	aatttacaat	360
gggcttcctg	tgggccagggt	cctattcaga	gtggcccgaga	gagaggcagt	acctgcctgg	420
ggccgcatgg	cgaataagca	gaacagggat	gggaaaacaa	gtgggtggcg	gaatcctgga	480
ttccatgcct	taccagntn	ttaaaacagc	ttatgtcctg	ggcctttact	ggngccaggc	540
gcccggccaa	ccttttn					557

<210> 7127

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7127

aaacaagttt	tattttgaga	acatttttaa	atacagaaaa	agtacacagg	gtcataccat	60
acccagctgc	tcagaattga	caattgttca	ttaccatttc	TTTTTTTTta	gttgaaacag	120
ggtctcatta	tgttgcccag	gccggctctg	aactcctggg	ctcaagcaat	ctgcctgtct	180

009220.69462966

cggcctccaa	aagtgtctggg	agtacaggct	tgagccaccg	cacctggcct	attttatcat	240
tcttttccaa	cccttttcta	ccttggcttc	tccacaggct	ccagggagggt	ctagcttggc	300
tggtcaaaac	ggaggtgaca	ttgacagaaa	gtgagtgatt	aaaggttggg	tgtcagagtc	360
ggacagatct	gggttttttt	tggagacaga	gtcttactct	gtcgtcagc	tggaatgcag	420
tgggcacgat	ctaggctcac	tgcaaccacc	acctnctggg	ttcaagtgat	tctcctgcct	480
nagccccctg	agtagctggg	atttncgggtg	tgnggccacc	acgccaagtt	aattttggga	540
ttttggnnaa	aaacgggggtt	ttgccctt				568

<210> 7128

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7128

cgttcgtaca	atgtttattg	aatgtcaa	at	gtctgccagg	cactgtgcaa	aatcacataa	60
aaatgagggtg	ggaggagtgc	agtggacagg		gagcgccagc	aggtcaggca	ggagtacaga	120
caggcaaaga	cacagacttc	gaagccagag		accagcgccg	gagctgatgc	ctgcttgcct	180
gcctgctgag	ggcgagaatg	cacctgctgt		gggggcctga	cctcaccgcg	gacaccacc	240
gcgggagcac	cagccctccc	ccggtcccc		gggtatggaa	gccagggggc	ttttagtccc	300
cacattgccc	ggagttggat	acaaacatcc		caagagctag	gggtgccttt	actggctgga	360
aggtgaccgt	tccatttccc	caacatgaac		tcagaaaagt	tcagccaggc	gcaggaacat	420
cccagggaaa	agctggctga	gggcttccct		aatgcagggg	tgtttctnct	ggccccctgtc	480
caagcagnca	ccaanactgg	caccaaattg		ttaaggaaaa	taggcaaaga	aagcnnntgn	540
cctttanttt	cttccttnc	aggc					566

<210> 7129

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7129

attgagaaac	tgtttttctt	acagaagtgg	cagtgtagaa	taaataacgc	gagggacaga	60
gagtgtgagg	taccaagagg	ctaaagaagc	tgggagggtt	gcctttaaaa	ggagacaaaa	120
atcccaggga	agctgcaagc	ggaagggagt	ggggtggccc	ggaggcggag	gactcaactt	180
acagagggtga	agtctgcaaa	gcccagggca	gaggccttag	aaggtttagc	tgcagaggag	240
gggacaaatg	gttcttttcc	actaaacggg	tcccaaaacc	cctttttact	ttggaacggg	300
tcgccgctgt	cagccccgag	tggctggagt	ggatcggggg	cctcgggaaa	gtctgcggaa	360
ccaagctggc	ttacaggtgt	acttttacct	tggacatctg	gctgaagtcg	gcaaagcctt	420
cagcactatt	gaaggaccca	cttccgaagg	gatctaaggt	tccaaaggga	tctgatcctt	480
ttgaggagac	cctggaggat	gaaaaaggga	tcactggatt	caaagggtcg	agcttcnaag	540
gtaagggaagg	gttttcggaa	tggatcccag				570

<210> 7130

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7130

009220.9462960

acaaagaatc	aacttttattg	aacatttcagg	gtcagttttct	cttcttgctc	ttgcctgtga	60
ccttggctgg	tgtgaggact	ggagctgctg	cctgggtacag	ggnggaggan	atcttggtga	120
tgtagtacag	accaaccatg	ganaanatga	agcaggnggt	gacacanact	cggnggatga	180
ggccagatgc	aaagagagcc	aacaggaggc	acagganaac	tagggaggca	agaagaacaa	240
ggagggcaac	ggtcanaatg	gaaatactag	gcattctgcac	atggagtcca	gganaaatcc	300
ggggctctct	gaatcctggg	gaacctgctt	anaagggtaa	gcgtgactac	agcaggagga	360
ttctgattac	cttaatgata	cccagaacat	ggaggtagga	ggttgagtgt	ggtggcttgc	420
acctggaatc	ccagcacttc	ggnagggctg	aggtgggcag	atcactttga	gcccaggagt	480
ttganaccag	cctgaacaac	aaaggagagc	ccatctntta	aaaaaaaaaa	aaaattgant	540
ttaaaaaaat	ttt					553

<210> 7131

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7131

cttttctttt	ttttgagaga	gtcttgctgt	cgcccaggct	gaagagcagc	agtgggtgcga	60
tctcagctca	ctgcaacctc	caccacccgg	gttcaagcca	tcctgcctca	gcctcccaaa	120
tagctgggat	tacaggcaca	cgccaccagg	cccagcta	atatatatat	atatacacac	180
acacacatat	atatatagga	gacagagtct	cactgtcacc	caggctggag	tgcaatgggtg	240
agatctcggc	tcactgcaac	ctctgcctcc	cgggttcaag	cgattcttct	gcctcagcct	300
cccaagtagc	tggaactaca	ggtgcacgtc	accataccag	ctaatttttg	tagtttttagt	360
agagatgggg	tttcaccata	ctggccaggc	tggtcttgga	actcctgacc	tcgtgatcca	420
cccgcctcgg	cctcccaaag	tgctgggatt	acaggcgtga	gccaccggcc	cagccaattt	480
ttggatttta	gtagagacag	gttccgcatg	ttggccaggc	tagtctcaaa	cttctggact	540
tangnggatc	caccaccttg	ggcttcna				569

<210> 7132

<211> 571

<212> DNA

<213> Homo sapiens

<400> 7132

aactcactta	aaaatatctt	ctaattttcc	cttgtgagct	cttctttaac	ctatgggtta	60
ttcagaaatc	tcttacttaa	tttctgatgg	acatacatgg	agtgaaagag	agaagtcaat	120
ggggactcca	aagtttttga	gtggagcaac	tggaaggatg	gcagtgcctt	tcagtgagtg	180
ggaaggaatg	caagcagagc	agattttaat	ctctggaaat	gtttgtgaag	gctcgatatt	240
agttctatgt	ttgacagaat	tcacagtgga	agacaaaata	acctcctgag	gttatitttg	300
ggcaagaaca	gggggtgcagt	tctggatctg	ttcagtggaa	atgccatta	aaaagccatc	360
aagatgtgga	acaggcaact	ggatatggaa	atattgagtc	tggggagcag	tctaggttgg	420
tgtcttcagt	gccgtatgtg	gtattttaatg	tcacaggact	gaatgagatg	accaaaggaa	480
tgaatagaag	aagagaaagt	tatcatgaga	agaagcanaa	naagggttca	taangagact	540
ggttcatggt	aactttttta	ggaaattaa	a			571

<210> 7133

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7133

gagaaagagt	ctcactctgt	cacccaggct	ggagtgcagt	ggtatgatct	tggttcactg	60
caacctccac	ctcccgagtt	caagtgattc	tcctgcctca	gcctccagag	taggtgggac	120
tacaggagtg	caccacacct	ggctattttt	tttttttttt	ttttgtattt	ttagtagaga	180
tagggtttct	ccatgtttgg	caggctggtc	tcgaactcct	ttcctcaagt	gattcacctg	240
cctcagcctc	ccaaagtgtc	gggattacag	gcatgagcca	ccgcacccag	cctgctttca	300
ttgtattcta	ttggtcacaa	caaatctcag	ggccagctca	gatataagga	gaaggaagga	360
gactccacct	cttgatagga	aaaacagcaa	agaatgtgtg	gctgtcttca	atcacagcta	420
ttttaattcc	acagtaacag	ccttgcaactg	gtctccctac	tttaatcctt	aatgccttat	480
agtcaattcc	ccacacagaa	gccagangag	ctttttaagg	acactttaat	gngaagaatt	540
ttagaaggaa	acncaccccc	cccc				564

<210> 7134

<211> 520

<212> DNA

<213> Homo sapiens

<400> 7134

aaagacattt	ttatacattt	tttagtagag	atgcagtact	gccatgttgc	ccaggctggt	60
cttgaactcc	tgggctctag	caatcctcct	gcttcagcct	cccaaagggt	atagagatta	120
caagcatgag	ccaccatact	tgccatttga	ttatcttcct	ttaaactctg	aagtcacgag	180
aatgtgaagc	cctgagaacc	ggaactgtga	agaaaatgta	ttgtcactca	tgtgaaccag	240
aagtgaaggg	gtgtatgaag	ctttgtgatg	gacacaaagt	gttgttgccc	ctcctgatgg	300
gactgcaaag	ctgggatgca	agttgaagcc	ccatctggac	tccatgccct	tcctgggtga	360
aagcactgga	gcagacatgg	agccagggca	tgcttcctta	tgaatttcag	taactcgtac	420
tttactcctc	tcaagaaaac	atgtgagggt	tttttgnttg	nttgnttggt	tatgntttaa	480
ggnttttttg	tggtaatggt	ggtgggtgtn	ntctttcttt			520

<210> 7135

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7135

ctaaagtgga	gttctgactt	gtgttgacgc	catcacgcag	agcctcctgt	tcctgcctgg	60
agccagctgt	ctgtcattta	ggagtgtgaa	atcaattggg	cttcagagat	gtaaaaatccc	120
taggggcaaa	attaaaagtg	accagatcc	aagcccacgt	ggtcctgtca	ggaacacgac	180
tctcacatgg	caagtttcaa	agatttagtt	tcaaaattcg	ggtttcttat	tttaaaaaat	240
atgcagttgt	ttgacattag	atctgacaga	caaattatag	cttcagcaat	aaaggctttt	300
aagattagaa	atgaaaagag	aaattactta	tatattaaaa	aaagaaaaaa	cccacccagg	360
cttgagtttg	gaggcatttg	taggcgcgtg	cgtcactctt	tcttccttgc	aaatataagg	420
ggctccatca	gctgatgagg	ccgtaaatag	agaagcgagt	tacatggaat	ttcgaggaaa	480
gaaccagtgt	gctggcaacc	tttggaaatc	anggtgatgg	anccggtcag	ttggttgcac	540
tggcttaaac	tgggggggtc	cccttgg				567

<210> 7136

<211> 560
<212> DNA
<213> Homo sapiens

<400> 7136
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tctaaattta acaagtgaca gggttgggtt caaagaaaaa ggtccatgct ttgcttacia 120
tgaggtctgc agtgaggga gatgctggga tagccatttc catggctctg ttatgcaagc 180
acaaatttca tctcctagat ggacttcctg gttttctctt actgcagtaa cactggcctt 240
cccttctcta attccttacc ccagctgcgg catccctgtg ttaactcagg atgccaagtg 300
gccctcagat tacacttctc cagatagctg aatgagtctg ctttactgt gactgggacc 360
tgaatgacct gcagtcaggg ccagagttg ggactctata ctaccctggg ctctggctg 420
taggtttgta gtagccaccg gtaataagcc aagggtctagg ctcttgtttg agtttatggc 480
cccctggaat ttccagcat ctcatgatca gcggaagggc anacngatgg attcnacagg 540
ttggttttta aatttcacc

<210> 7137
<211> 569
<212> DNA
<213> Homo sapiens

<400> 7137
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aattgtctgt gtttcctttt taaatcaatc tgagcccttt tgatagtatt tattttccat 180
gctcatattt tttattctat ttigcatttt ttaacttgg tgatttatgt gaggaccatc 240
agactgtttt aaataagttt cacagcttgg aaattgccag accacacaga gtataaattg 300
aaactgaaaa tctatgaggg agggcctgtg gttagaatt cttagaaaacg ttttcctcag 360
gcaagaacag gtcaagacgt atttgtcacc tctctactga gaccacagtc ctttgagtgt 420
ctcacgttac tatgttatct ctaacttaaa tggacccaag accctgctcc tgctcccaca 480
aggcagttga accccaatcc tttggattac caagaatctg caggagcccc nanggccact 540
tgcncagnca attcctttcc ntttcagat

<210> 7138
<211> 555
<212> DNA
<213> Homo sapiens

<400> 7138
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tctgttcttt tctctctata tatattctta cctccttcc tgcatgatga atttgacctt 120
ctagattttt tttttttgga acaatccagc ctggttgatga caaatggaga aagagagaga 180
agatcttaat tgtgatataa ttgaccttcc accttgttcc actccactt atttatattg 240
ctttaatatt gttatgggta gttctttgtt actgttaaat attccctgtt ggatttttct 300
cttttgagac agatcttccc acgagggttg tatttagcca ccagcttggg aagtctaggg 360
tcgagaggat ggctctcatc agcagcagta ccattcaggt ccagcagagg gatcgatcg 420
tgattcactg tgccctgggc gtcttccagg tctctacagg gtggccttct gatgatctcg 480
gcctcctgat tccttagact atttcgacat ccttcctttg gttttccaac cttactttta 540

0969462960

agttggttcc ncagg

555

<210> 7139

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7139

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caatgcagtc	ttggactctg	gggctcaagc	aatcctcctg	cttcggcctc	ccaagtagct	120
aggactactg	acaagtatta	ccactcctgg	ctaattttta	atattttttt	tgtaaagacg	180
gggtctggct	ttgttgccct	ggctggtcgc	gaattcccgg	actcaagcaa	cctttctgcc	240
tcggcctccc	aaaatgctag	gattataggc	ataagccact	gtgcctgtcc	aaaactttat	300
ttttaatgac	aaaacctatt	ttcctatagc	tctgcttgga	atgctgtatt	tatcctaagc	360
accagttttg	gccctagctg	gcctgtatac	agctttaggt	aggctcttga	tctagttttg	420
ctataggcag	ggtagatctc	agtatttcat	attttccttg	tggcagagac	agtgttaacc	480
tttctctcat	ggatagcgga	ttcattgaga	cagatttaac	taagaactnt	gatgattata	540
cccgaacttc	aaatggatc					559

<210> 7140

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7140

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ctggctgtct	gtagggagtg	gagaaatggc	aggtccagct	tgggctgggtg	tcctcttctt	120
cagaaagtgc	tgtgggtgaa	cccagagtct	cagggagcag	aagccccctt	cgctggcttt	180
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gaagacgagg	aagagcaggg	cctcatgccg	gggcagtacg	atgttctcca	cagtgcgctc	300
catggcgcg	acctgctccg	gggaggctgt	caggaacgcc	agggggcccg	tgcgctgctc	360
cgcacaggag	tggcagagg	agccccctt	gttttccttc	ctgttgctat	aggtgatggg	420
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gcagcgcacc	acgcctgttt	ttaaaacgtt	gcttgcaact	tttgcttgca	agaagtactt	540
cccagnccaa	ggcaaaatgt	tttc				564

<210> 7141

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7141

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tcattctgaa	acccaaggct	tgtatttacc	agtcctttct	gctaaagtca	tccagctact	180
gaagaggaga	gcctggaagt	aaagtctgga	ggaaaggtag	ttgactgata	aactgtccta	240
caggtgacag	tcaaggagag	aagaggtaga	ggtttgggtg	ttaatgaata	agttcctgac	300
tagccagctc	ctcttcttct	cttgacttag	atcaaccaat	gtagatgcga	tgaaaatcat	360

09629469.072800

tggcaccaaa	agcagcatta	cacttgggac	atttgcgctg	gcgggtgtca	tagcgtgtct	420
tcacacactc	aaagcagaag	acatgaaaca	cttagtaaga	acagcatcct	ttttacgcat	480
gttacagcac	ggacagggtca	accgtgcctt	ggaatcctta	atctnttcat	cagaatccta	540
tacacttggg	acattggcnt	gggttnt				567

<210> 7142

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7142

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ggactatagg	caccacaccac	cacgcccggc	taattttttg	tatttttagt	agagatgggg	180
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ctcccaaagt	gctgggatta	caggcgtgag	ccaccgtgcc	cggctgagac	tattgggttt	300
tctagatata	caatcatgtc	atctgcaaac	agagaagact	tcctctcttc	ctgtatgggt	360
gccctttatt	tctctctctt	gcatgactgc	tctggtaagg	acttccagta	ctatgttgaa	420
ttgaagtgg	aagacaggac	atccttgnct	catgccggtt	ttcaagggtg	atggttccag	480
cttttggcca	ttcaagttca	atggttgctg	ngggtttggc	ataaaaaggnt	ctaataattt	540
gagggatgg	ccctcaaan					559

<210> 7143

<211> 542

<212> DNA

<213> Homo sapiens

<400> 7143

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ctntcagaac	ccaaaagaac	agcacacgga	tgaaccaa	gtgaggaaag	cagctgtgat	120
attttgggtg	gagagaaaca	caagggcaat	ttggcacaac	gctgctagat	actnggggtt	180
tacaatcaac	cttttcattc	ccaagctgta	cacaaaactc	tctgtttctt	gttacacgcc	240
tgcctgctcc	atgctgaagg	agacttcggg	gtgctttag	ctgagcagaa	tgtctgtaat	300
acacgtagat	ggatagcaag	aggagttaa	atgctggctg	ccatcactca	ggtctgggtg	360
ctcatgacct	cccaggcttg	ccccacattc	ctcattttcc	ccatcctgaa	actgctggct	420
gcccattgagc	gaagactgac	tgagaactgn	atccgacatc	cgggcaanct	taagtgtttt	480
tccagccncg	agactcattc	tggcaagttt	tccactgtac	ataacattgn	cnnttgtttt	540
gg						542

<210> 7144

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7144

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cagtattttc	cattgcacag	cctttccgga	tggtagcaaa	cagtataaac	ccctataaaa	120
cagggcaaca	ccggttaacc	cttcgtgggg	ctgctgcaag	ggtgacacag	catcagcctg	180

agacctcctt	tgaaaagctt	ggaataagaa	agcacccaaa	cagcacaaga	accacctgct	240
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acaagcgttc	aggtaagaag	ctgactggac	cagtttgaaa	aatctcacia	aattattact	360
gttcaatgca	gcaaaagcct	gaacagcaaa	tttcacctca	gatgagtttc	taacagcagg	420
atggaactgt	tgtacttctc	tgtaatttaa	aggagagaaa	aggggttgga	atgttatttt	480
aaataagaca	aaattttcat	gaagatagat	ctgataaata	atagattttca	ctggncanat	540
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<210> 7145

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7145

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gtttccaaat	aacatacaaa	tatttagaaa	agattgtttc	tcagatcccc	aaattcattg	120
caattctcaa	gctgtgttga	gaggattgac	ttcaaagaga	agaaaagtaa	taattaaaaa	180
aatgcgacta	tgatttttta	aaaataaaaa	agtctttttg	gatctatgac	agaattatgc	240
cataaaaata	atagctagca	tttagaaaac	actttctatg	tgtcaggcag	tgtgctaaaa	300
gccttgtgta	gattttttca	tttagacctc	aaattaatgt	gtcattatca	attagtctcg	360
atttattggg	gagaaaatgg	aaacttggaa	aaattagggg	actagcaagg	tcacctaaca	420
cataaccaac	ttaaggacaa	ggagtctaaa	aaacagagtt	gggtttttta	atncaaaggg	480
cacagcctnt	taagcataat	ncccatatat	tgnttggggg	anaaaaccgg	atagttgggg	540
ntaagagcct	atttcctatc	cagctg				566

<210> 7146

<211> 577

<212> DNA

<213> Homo sapiens

<400> 7146

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ggcagttcct	gagtcctcca	ccgccccctgc	ccagccccctt	ctgctgcctc	tccccgcccc	180
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agggcagctg	aaggtgggcg	gccctatata	ctgcctgagg	gccttcaggg	actttgctcc	420
tctgtgcacc	ctnacaacaa	ccctgtgagg	taagtggggg	gggaagagtg	accccttgga	480
ctaangctca	aggaggcaat	gtgaccgggc	caggaaggac	cattcaccat	gcacaaggga	540
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<210> 7147

<211> 460

<212> DNA

<213> Homo sapiens

<400> 7147

09629469.02800

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caagctccac	ctcccgggtt	cacaccattc	tcctgcctca	gcctccanag	tagctgngac	120
tacaggagcc	cgccatcacg	cccagcta	ttttttggat	tttttagtag	agacagggnt	180
ttaccngtt	agccaggatg	ggctcgacct	cctgacctca	tgancgcct	gcctcancct	240
cccaaagagt	tgagattaca	ggngtgaggc	gggaggacca	cccagggtca	gaagttcaag	300
aacagcctgg	ccaacatgat	gagaccccat	ntctatataa	aaaatgcaaa	aaaattagcc	360
tggcatggtg	gcacacacct	ggaatcccag	ccacttgggt	ggntganaca	ggagaatcac	420
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<210> 7148

<211> 581

<212> DNA

<213> Homo sapiens

<400> 7148

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actacaggca	cgcaccacca	cgcttggtca	tttttttatt	tttattttta	gtagagacag	180
ggtttcacca	tgttggccgg	gctggctctg	aactcctgac	ctcaagtgat	ctgcccacct	240
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agatagttcc	taactgtcag	ccttgtggct	aagtgaggaa	gagataattt	ggcaaaccat	480
ggaaaccca	cacaacacac	agagctttaa	tctagagcaa	ggagacngac	aacttcccaa	540
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<210> 7149

<211> 585

<212> DNA

<213> Homo sapiens

<400> 7149

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cacaggcgtg	caccaccacg	cttggtcaat	ttttgtattt	tagtagagac	agggttttgc	180
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aggaactgct	gctcaaagag	gggttccagg	gcctatctcc	ctgtcaccag	gttttggctg	360
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tggagtcatc	atccctctgc	aggggcta	gaagttggga	aggcttctgg	aacttctctt	480
ctaggacaca	anctggcgca	ttcangtgat	ggagcattgn	ccatcttgct	gnttntgggc	540
ccgggttgta	agatcctctt	aaagnaangc	ctcctttggc	tcacc		585

<210> 7150

<211> 584

<212> DNA

<213> Homo sapiens

0962469.072800

<400> 7150

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gttctgacat	ctgggctctg	gaactgtggg	agaatcaatt	tgtcttcagc	cccgcagttt	180
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tgacttcttt	ggtcagtccc	ccatatgaca	gcgacctccc	tgctcctctg	ccaccttggg	420
ccctgagggg	gctccctccc	gacctcccca	ctggactcag	ggcagtgtcc	tgctctgggc	480
acacacccat	atcctctgct	cacctaatgg	ctagaccaca	ttactcggag	gggaagggaa	540
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<210> 7151

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7151

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gttgcaagg	ttaatagagn	gaaaacagag	ctcccataca	aaggaggagg	acccaaagag	180
ggttgccatt	gccggctcga	atgcctgctg	ngctctcagg	cgatagatga	ttggctattt	240
ctttacctcc	tgtttttgcc	taattatcat	tttaacgagc	tctntttgct	acctgattgg	300
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cctntnaaca	ggaaaaccca	agtgtgtgtg	gggaggttgg	cccatgaccg	tctaactgnt	480
ttctgctgaa	ttggggcata	anaggggntg	ngcaattgan	aattcctcng	gagggatgcc	540
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<210> 7152

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7152

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ctgggattac	acgtgcatgc	caccacaccc	agctaattct	tgtattttta	gtagagatgg	180
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tggcctccca	aagtgtctgg	attacaggta	tgcacatca	caccagcta	atctttgtgt	300
ttttagtaga	gatgggggtt	tgccatgttg	gccaggctgg	tctcgaactc	ctggcctcaa	360
gtgatcctcc	tacctcggct	tccaaagtgc	tgggattaca	ggcgtgagcc	accgnacccg	420
gccagttcag	tggttttcaa	actcgagctt	gtagcancat	aactgggggg	cttggtaaaa	480
cctgatcgct	ggccccaacc	canggttttg	attcaacagg	ctgggggaagg	ctgaaaaaatg	540
ccttttaaca	agttcccaaa	gaagctt				567

<210> 7153

<211> 587

<212> DNA

<213> Homo sapiens

<400> 7153

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caggcactag	cgttattaca	aggaggccat	gtgagccggg	catggtggca	ctcactcata	180
atcccagcta	cttgggaggc	tgaagcagga	ggactgcttg	gaccacaggag	ttcaagacca	240
gcctgggcaa	catagcgaga	ccccactgca	aaaataagga	atgccatgtg	aaggccacac	300
agacacatag	ggtagatggt	ttcagagact	ggagtgatgc	agcagcagcc	aaggaaggcc	360
aaggattgcc	aggagccacc	agaagctgaa	gagacaagga	aggatcttcc	cctggagtcc	420
tcaaagggag	tgtggcttgg	cctatacttg	gatttcagac	ttttagcctc	cagactattc	480
tgggtgcttta	agccactgat	ttgtggtaat	ttgctatggc	aggtccttac	tctggcotatg	540
ggttacacat	ncaacaagtg	ggagcccaag	ggatttgaat	caggccc		587

<210> 7154

<211> 491

<212> DNA

<213> Homo sapiens

<400> 7154

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caagctccgc	ctccagggtt	catgccattt	tcctgcctca	gcctcccagag	tagctgggac	120
cacaggcgcc	cgccaccatg	cccggtaat	tttttttttt	tttagtagag	acagggtttt	180
gccatgttgg	ccaggctaat	ttttgtttgg	ttttcttttt	tttttttttt	tttttttttt	240
tgntananac	anagtttcac	catgttggcc	aggttggtct	caaactcctg	acctnaagng	300
atctggctgc	cttggcctnc	caaagtactg	ggattacagg	catgagccac	catgcccagc	360
caaggagtca	naattcttaa	atggcttact	cagttggata	tatagttgag	ggcanaaata	420
aatttattaa	tgaatctnt	gacccaaaaca	aaccaatntc	canaanactn	tgggccncca	480
ccccacatta	g					491

<210> 7155

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7155

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gtggaaaaag	aacagaaaaag	caggagacag	aaacaaaaac	atgcaggaga	gggtgattct	180
gttccatgat	cttggctcag	tgtccagggg	ttcctaattgt	ttcagcaaaa	agaaaatcac	240
tgtaatgaaa	tgtaatgaga	ccctttgaca	ctgaggaagt	gacaactcag	gotttggcctt	300
ctaccacaca	cctataatct	gtgacttgca	acagaacttt	tcccgaagag	cgcagtcctc	360
cctgagcaaa	atggctaggg	cctacgccgt	gatttgctgc	tctggaatgg	gacacacatg	420
ttgctaattcc	ttgcaaaacc	agcttgaaga	accattttcc	tnctgagaat	tttcttctgg	480
tcaactgctaa	tttnggctac	ttaagtnctn	tggttcttct	tcactttaag	taaatatattcc	540
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09629469.072800

<210> 7156
 <211> 556
 <212> DNA
 <213> Homo sapiens

<400> 7156
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 ccaaaagtgtc gggattacag gtgtgagcca ctgcgcccgg ccaaaatcag gaaatctttc 300
 ccaaaacatc ctgtatatag caacactcat aactactact ttatggcaga ataattggacc 360
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 tttttcataa gggagtaaaa tggngnggtc ataaccgaga taaggtggng gggctcatctc 480
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 gatgcctgaa gaactt 556

<210> 7157
 <211> 552
 <212> DNA
 <213> Homo sapiens

<400> 7157
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 ctcccaagta gctggtatta caggcacgtg ccaactgtgcc tggctaattt ttgtattttt 180
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 gcatgggtcat tttttagggg gctgggaaaa ctggacatgc cccaagccc cagggtcttc 360
 caaatccgat tgcagccccc acatggccaa tgctgtatca gcagggtgggc cggggaccct 420
 gctcatccct tcagccccc atgnccctgg aaccttgccc gggggcaagt gccccctttg 480
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<210> 7158
 <211> 494
 <212> DNA
 <213> Homo sapiens

<400> 7158
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 tacaggcacc cgccaccacg cctggccaat tctttgtatc tttagtaaag atggggcttc 180
 accgtgttag ccaggatggt ctctatctcc tgacctctg atccgcccac ctggcctcc 240
 caaagtgtc ggtattacagg cgtgagccac ggcgcccggc cctcatctc ttaaaataaa 300
 aaagttgaa ggagttgggg gagtttggat acagaccag ggagggcgcc ttgtggagat 360
 ggaggcagag atgcggctga cgcttctcca agccaaggaa catcaaggac gccggccacc 420
 agcaggaact ggganaggcc tgggcaaatc ccccgtnagc cttangangg accaancctt 480

attaanacct tnat

494

<210> 7159

<211> 528

<212> DNA

<213> Homo sapiens

<400> 7159

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tacaggcaca	caccaccatg	cctggctaata	ttttttatat	ttttattaga	gacagggttt	180
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ttccaaagt	ccactgcacc	tgccagcat	ccactagctt	ttcatcagac	catgaaatgt	300
ttggtccacg	actgctcact	ctttccagag	ctgcaactgga	aatacactat	tctgaacggc	360
ccaagttcct	ccggagtatt	cctctgatgg	ggcacaaacc	tggtggacca	caagcatgct	420
ggtaccaagt	gctttttatt	ttacaagagc	cattctgntc	cntttngggc	gaaccggggc	480
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<210> 7160

<211> 524

<212> DNA

<213> Homo sapiens

<400> 7160

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caatagctga	ttctcacttg	tcctaataaa	gtactcagtg	caggtttagcc	tccttctccc	180
ccgccagctt	ctcttccact	tccccacacc	gtacatgcct	ctccctttct	ctctataact	240
cagctcatct	catagccttt	ttctttggaa	atgcaactct	gctgatcact	tgtgggctgg	300
gatcccagct	gccttttgaa	cagagcagac	atcctttaca	gagacagggtg	gcctggaggg	360
gagaacaggt	aggggcacac	tgagatccca	cagcaacctg	agagattctg	ccccgtgacc	420
tgctggcccc	cttcanggca	cttinctaatt	tcaatctttc	attaantaag	gcagcttaga	480
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<210> 7161

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7161

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atgtggctat	aaaacctcca	gaactgctcc	acctgcagag	agaagacccc	agagtaaaaa	180
acatgtgtct	tttacttttc	tttgaatgca	tcccaagggt	gagatttagt	taagaacata	240
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gttgtgaggg	aagacatatt	agaggaaaaa	cataccatct	agtttgacaa	aataaaaaat	360
gtaacattcg	caattcaaga	ataaaatctt	tggtgagaaa	tgcaagcctt	aaccaggagc	420
tttaagtggg	gaaaccatgg	taatacgcac	ttttccactt	aagctgcagg	gtagcattac	480

atgccgnaga ngacccgggt tttgcnatg gnactnttan ccctgaggat gaaggggacc 540
cagctaactg a 551

<210> 7162

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7162

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ttgaaatatt	ttatttctaa	ttttattatt	tttgaacagt	taaaaactca	aagtacaatg	120
aagttttaca	tgaaaaggct	cactcctggg	atccttatcc	cccaggatc	tagttctgct	180
ccttgagac	taccaatgtg	atcaggttct	tccatatatg	tcttcagaga	cagtctacca	240
tatacaaca	aataggaata	catacacatt	ttttcttctt	atacatcaat	tgtagcatgc	300
catacagttt	gacaccatgc	ttttctcaat	aaacattatt	atgccttaga	gatcttttca	360
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cctctgnaat	ttattatcta	aaaggngaga	catggagaaa	tgaaagccta	ttaataatat	480
ncagaacagc	aggtttaaac	tgggagggtc	aaaagccaag	ctatggtatc	tacctttggc	540
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<210> 7163

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7163

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acatgtttga	ctgtggcatg	aggctcagcag	agacttactc	cagccctgtg	aggctgaatt	180
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gctgtacaga	atgcctgttc	tagaaaagtaa	tggcaattcc	aaaacaagag	atctatgggtg	300
tcacatgaga	taatcttcag	cccagtttaag	caataagcac	ccaaaataact	ttgaatccca	360
aacacaggca	gctcaaaaagt	ttaatggtag	aaaagaactt	ttctccttga	ccctattttg	420
gtctggagga	aataatcagg	aagaagaaaa	ctgggaagaa	tcattttggtt	aatttgactg	480
gatcattaac	cacatactgg	atctganctg	actggtntctg	ggcacttcca	nctacttgaa	540
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<210> 7164

<211> 467

<212> DNA

<213> Homo sapiens

<400> 7164

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acacctgcct	aatttttgta	tttttagtaa	gagacagtgt	ttcaccatgt	tagtcagcct	120
gatcttgaac	acctgacctc	gtgatccacc	cgcctcacc	tcccaaagt	ttgggattac	180
aggcgtgagc	caccgcctgc	acccggcctg	aatactcttt	gagccaatca	aatgttataa	240
attaaaatca	cactaactca	taatcttatt	ccttaaaatg	agtgacttac	agggtgtcata	300

acaggtgact	tctcactgct	tggagaatcc	actgcacaga	aaaaaaagaa	agaaaaaaaa	360
gatatgaatg	tgagtatatt	ctaattggct	ttggttttga	cctatcaagt	ggagtatagt	420
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<210> 7165
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 7165						
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gtttagggat	ttttctacct	gagagtgtgt	ggctctgtgg	tagccaggaa	gctaaagcct	180
agtatctatg	ctcagggttc	cagtgatctg	gggatctaga	acaatcctgg	gaaaagagcc	240
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aggtccttgt	aaaaccattt	agtcccaaac	tcagcttgag	ccacaggtag	ttgtcactgg	360
ctgggtccag	ccagagagag	tacctgaaga	aatcactcag	atgacagctg	atcacttact	420
gtgtgacctc	aggcaagtca	cctccctttc	aagcctnagc	ttcctncact	gnnaaaatga	480
gaangctgac	ttgacctggn	ccan				504

<210> 7166
 <211> 551
 <212> DNA
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<400> 7166						
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ggtcaggttc	agtatcactg	tcctccacat	tcacatcctg	ctccacgaga	agtctttagg	120
ggcaataaca	tacatggagc	tatcatctct	gtaataatgc	cttcatctgg	aatatctcat	180
gaaggacctg	cctgagggtt	ttttatagtt	aacttatttt	tataagtaga	agtggtagat	240
tctaaaataa	caaatatagg	atagtaagta	tgtcaaccaa	taacataatc	tttattatca	300
tgattagcat	tatgtaccat	acacaattgt	atgtgctata	ctttcatatg	actggcagca	360
caatagattt	gtttatacca	gcatcatcac	gcacatgtga	gtaacacatt	gtgctgtgat	420
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<210> 7167
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 7167						
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ccatagtga	tcaccttttc	agcatgaagg	gtgaaatgtg	aaatgatcta	atctgcttgt	180
acgcaatgcc	taacgtgggg	ttgcatagat	gtgatgctgg	atggttttgt	aaccattcct	240
ggaggcaaga	ttcctccaca	accatgttcc	attactctgt	ggccatgttc	taccttgctt	300

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tgacagccta	gcatagaaca	ttttggcagt	ttcagatcct	gactagatgt	ctgctggagg	360
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catgtgccga	agctttttca	tttcctctct	ggattcaagt	ggaagttaca	agccttnaat	480
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<210> 7168
 <211> 573
 <212> DNA
 <213> Homo sapiens

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gcggccatgt	ctgctgggac
cctgcatatg	gccactagcc
gggggctccc	ctgagggtca
tcttcaaccg	ggacaaacct
tgggcccgga	naaacctggg
	tttgattctc
	gccacagggc
	ggacggacgg
	accacgcagg
	gtgagctcca
	ctgggtgatc
	accctggggg
	ggccttcggg
	tgggaaactt
	cctccaaagg
	ggcctaagct
	cgacaaaacc
	tcagccccct
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	agggaggatc
	catagcacia
	cagtgcggtg
	gtctagacag
	gaccccaggc
	tgcntntgcc
	ggg
	tgcccgtggc
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<210> 7169
 <211> 572
 <212> DNA
 <213> Homo sapiens

<400> 7169	
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gaaccctcac	agcaacctta
ccaaagacct	gagccctccc
cttcagcccc	ataacattct
cgttgcggcc	cgcaaaattc
ccgactgggc	catgctggcc
	ttggcatggg
	tgagtgagc
	ctcccaccto
	tttttttagtt
	gacttaagtg
	cgtgctcctg
	cgtgagtcac
	ggaagaggat
	accacccggc
	gcccgtctac
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<210> 7170
 <211> 547
 <212> DNA
 <213> Homo sapiens

<400> 7170	
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	tacgctaggc
	aatgagagat

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gagctacctg	atgaggaacc	agtgggagaa	catctggtgg	cgagggttg	gccaggggga	360
agggggctct	gacacaggaa	caaatttgat	atgcttgaaa	atcactaaga	tactgnggc	420
tggaacacag	tcagagagaa	aaatgtgtan	taaatgaggn	gggaaaaaaa	agcnnggcc	480
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<210> 7171

<211> 352

<212> DNA

<213> Homo sapiens

<400> 7171

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caccacactt	ggcctanaaa	tcattttcca	ggcacggngg	ctcatgccta	taatcccggc	300
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<210> 7172

<211> 550

<212> DNA

<213> Homo sapiens

<400> 7172

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aagtccagat	ttatgatcag	agttaatgag	ctgaataatc	agctgtaaga	aacactgatt	180
aaaaacattt	acatgagtta	atttgtgtta	ctgactttta	ctagaatgta	ggcacccctca	240
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taccgcttac	aaagagccca	acagtagctg	aagtttatta	ccgttatgtt	gctgtgaatg	360
ccaccaatat	gtactgtcag	acttgnnttg	ggtgaaaaaa	acaactgcaa	aaccaatttt	420
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gaaacaactt	atttatggta	tgggtgctat	taatcccaa	gggnntcatg	gngaaatacn	540
ggnnttcnc						550

<210> 7173

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7173

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acaattttta	atacttaaat	gtggtaagtt	ttctgtttcc	tgactgtact	ctgatagatg	180

cagtacttgg	caccagaatg	tgccatgaga	cagaccctaa	aagacacagt	tgtgcaactg	240
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ggctctcagg	tgtgcaggac	ttgccctccc	agccttcccc	acgggagcca	ctgccccttc	360
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ttggtgaatg	ccaaattctg	gggccccaaa	acaccatggn	gggccaccag	cnaaagnggt	480
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<210> 7174

<211> 524

<212> DNA

<213> Homo sapiens

<400> 7174

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gagtagaata	aatcatagac	cacatcacag	caataaggng	acantgtgt	cancnggggc	480
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<210> 7175

<211> 562

<212> DNA

<213> Homo sapiens

<400> 7175

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gagacgaggt	tttaccatgt	tggccaggct	gtcttgaac	tcctgacctc	aagtgatctg	360
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ncaagtattt	ttcagatgan	ggaaaaccca	gacttcagag	aaattaagga	atctgtccaa	480
ggcgtatagt	caaggnatca	gaatctggaa	ctggagcctt	tcaatccaaa	gtccaagctn	540
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<210> 7176

<211> 546

<212> DNA

<213> Homo sapiens

<400> 7176

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caaaagggac	aattngctaa	tcaatgatga	gcctttaatc	caaccattat	atatcccctt	120
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acctccttac	caaccttgcc	ttttagaggt	gaccagagac	ctgtgctttt	ccaaagtact	240
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aaactnactg	ggngcttaac	tggnctcaat	caccacnttt	tccaagtana	cttttncctt	540
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<210> 7177

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7177

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atgaggtgaa	gctgggtcag	agggagcagg	catggtcgag	gctgtggtta	ccatctagaa	180
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gctgggtggc	cgcatggtag	tcatcaatga	gctcctgaac	aacctcccta	gacctgtcca	300
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gcttccgcag	cttgtcaaac	tgctggcagg	aactttcaaa	gagcgaggag	atgctgggtg	420
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<210> 7178

<211> 565

<212> DNA

<213> Homo sapiens

<400> 7178

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caaaggcaag	gttaagatgc	agctgtgang	ctgggcacaa	tgggttcacg	ccctataatc	480
ccagcaccct	tgggaaggcc	gaaccgagcg	gaccancttg	aggncaaana	gttcgagaac	540
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<210> 7179

<211> 551

<212> DNA

<213> Homo sapiens

09220.69462960

<400> 7179

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tcctcccacc	tcggccttcc	cgagtgtctg	gactacaggc	atgagccacc	acacttagcc	120
tgtcggagtc	cttttgataa	taagggtgact	tgaggagaca	ggaaggaaac	actaaagcca	180
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acctcgtcct	tgcctttcac	aatggaccng	gcntgggctg	ngtgacccca	gatncnganc	540
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<210> 7180

<211> 518

<212> DNA

<213> Homo sapiens

<400> 7180

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aagcagattc	ttgtagctga	ttgctaggac	ttgggaggag	agctgagagc	atgtcctatg	180
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tgggatgggg	aagccggaag	tcataattca	tttaaaatcc	ccttctgggn	ttaatatttg	480
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<210> 7181

<211> 487

<212> DNA

<213> Homo sapiens

<400> 7181

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gttctccagc	atcacttccc	tgtacaggga	cttctgggtg	aggncaca	gtccccactn	420
tttcngggtg	aaaccagggg	tacatttttc	aaaggcaatg	ggtinctaaaa	atcccnattn	480
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<210> 7182

<211> 532

<212> DNA

<213> Homo sapiens

<400> 7182

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ggggtgcctt	gatgctgcat	ccttcanaaa	ggacntgtgc	ctcacgtgcc	aaaagggagg	480
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<210> 7183

<211> 506

<212> DNA

<213> Homo sapiens

<400> 7183

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ccgggctttt	ggttgctttg	gttggnntaa	ctncagtgcc	tggaactgnc	cctgggacat	480
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<210> 7184

<211> 183

<212> DNA

<213> Homo sapiens

<400> 7184

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gccaaggcca	gtggatcact	tgaagtcagg	agttcaagac	cagcctgacc	tcangngatc	120
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<210> 7185

<211> 430

<212> DNA

<213> Homo sapiens

<400> 7185

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aagaaggngg	ccatcatntg	caagccaagg	agagagaana	aaccaaacct	gctgacacat	120

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tgtccatatg	aaatactccc	aactttaatt	tattcataat	ccactttctt	tagtttacag	300
agtcctcata	aaacacaatc	tatacttgaa	tgcagtgagt	acactgcact	ttgacctttt	360
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ntanaangca						430

<210> 7186

<211> 498

<212> DNA

<213> Homo sapiens

<400> 7186

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aggtccgcgc	caccacgccc	ggctaatttc	tgnattttta	gtacatcctg	ttgnacatcc	180
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tcaaaaatgg	ttttaaaaga	gccactcact	gggtttcctc	cngacattca	ttantaagn	420
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<210> 7187

<211> 542

<212> DNA

<213> Homo sapiens

<400> 7187

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gccactgtcc	atcagctcag	taaatgtacc	agcttctaaa	gccatgatgc	cataggtcca	180
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aa						542

<210> 7188

<211> 544

<212> DNA

<213> Homo sapiens

<400> 7188

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ggcacgcgcc	actggccaag	atgggtctcga	tctcttgacc	ttgtgatcca	cccgccctcgg	180
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ttttaagatg	gagtctcgct	ctgtcgccca	ggctggagtg	cagtggcatg	atcttggtctc	300
actgcaacct	ccacctcctg	ggttcaagct	attctcctgc	ctcagcctcc	caagtagctg	360
ggactacagg	catgtgccac	catgcccagg	ctaatttttt	tggctttttt	tttttcnttt	420
tggagaacng	gaatttaaac	tgttgccaaa	atggatgcaa	tgggcnaactg	ggtcactaca	480
actcgcttct	gggttaagca	ttttctggct	aagcttccaa	ggactgggat	acgggggcctg	540
cacc						544

<210> 7189
 <211> 550
 <212> DNA
 <213> Homo sapiens

<400> 7189		
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tacaggcgcc	cgccaccatg cccagctaatt tttttgtatt tttagtagag acagggtttc 180	
accatgttgg	tcaggctggt ctccatctcc tgacctcgtg atccaccac cttggcctcc 240	
caaagtgcctg	ggattacagg cgtgagccac cagcccaga tatccccagc ttcttttaatt 300	
gccatcttac	ctcctcagcc tcctcaaacc aaagccaacg tcttctcatt ttggtgctgt 360	
cctcgtttgc	ggaataacta atgacattta aaatcaaacg gtgatctgcc ttcttagaaa 420	
accagcccc	cacctagaga acacccttcc cagcgtctg gggcccctnt ggnacctgna 480	
gtctgatcca	cgangaccgc gaagttgatg aatccggcca aancgagaga acatggcttn 540	
tacnccctt		550

<210> 7190
 <211> 574
 <212> DNA
 <213> Homo sapiens

<400> 7190		
acaatttctc	atatggcaag atctgggagg gctttgtttc accttttttt tgaaggcagc 60	
attactagaa	ataagatcat gggtcacaaa gcttttgtcc tttagagtact ttgaatgtat 120	
catcccactg	ccttcatccc ctccattgtt tctgatgaga agtttgctgt taatctattg 180	
gggtaccctt	gtggcacatt gttttttctt tacagctttc aacatttcct ttcaacttta 240	
acatttttac	tatgacgtgt ctgtttgttg atatgtttgc attcattctg ttcacagttt 300	
gttgagatgc	ttgtgagtat agattaatgt ttgttcaata aattgtggat gtttttagcc 360	
attatttctt	tgaatatttt tgtgcttctc ttctcctca ccttatggta ttctcattac 420	
atgtacactg	gtgcactgaa aggcgtcctg aatttctctg aggctctggt tataattctt 480	
tggtctaatt	tcttaattct attcttcaat ttccnaatct aatttctaatt gggaanatgg 540	
aattganggt	gcataattct atggactatt tgna	574

<210> 7191
 <211> 522
 <212> DNA
 <213> Homo sapiens

09629469.072300

<400> 7191

aagtattggag	gctcaagtat	aagatgtaga	tttttttctt	aagctttaca	aaaaaacaaa	60
ataaaacaaa	aacctccttt	tgcatccat	agaaattgac	agaaaagcac	ctggccggaa	120
gagcggaacg	gtcggcggca	cccccccag	ccccacccc	gcggcctccg	tgggacggga	180
gagtctgcgc	aggacggcac	cgaggggccac	ctctgctccc	agagctgtcc	cctgtcccca	240
cgaccccaaa	ccccaagcaa	ctcccaaaca	cacacggaat	aagatttcca	gtttttcttc	300
tctctttcac	acaccacagt	tagttcataa	aatttttttg	ttttacattt	tttacaccaa	360
tgtacacaaa	aggtgggagg	gaaggggaggc	tggcagacag	tggattttat	gcctataaat	420
ggggggacag	ggaggaggac	ggggggcccg	ggtgaacaaa	aaccacacng	tctctatgga	480
aatgtggaga	gaactgaaan	cnaagtgtng	canaancang	ct		522

<210> 7192

<211> 578

<212> DNA

<213> Homo sapiens

<400> 7192

gagacggagt	cttgctctgt	tgcccaggct	ggagtgcagt	ggctaaatct	cggctcacccg	60
caacctctgc	ctcccagggt	caagcaattc	cccttcctca	gcctcccaag	tagctgggat	120
tacagccgcc	tgccatcatg	cctggctaatt	ttttgtat	ttagtagaga	tgggggtttca	180
ccatgtttgc	cagggttaatt	tcgaactcct	ggcctcaagg	gatccgcccc	cctcggcctc	240
ccaaactgct	aggatcacag	gcatgaatca	ccgcgccggg	accagtgtaa	gcatttggtg	300
tgtctccaat	caaggactta	tttacctttg	catccctgct	ctgaggccag	cacaatcctg	360
tcacacagta	ggtacacaat	gcacatttgt	ctagcaaaaa	gtactggaaa	gcagaagggt	420
ggatagagct	ctgcctgggt	tcaaatccag	gctntggcat	ttactaactg	aaancttttg	480
gcaagttggt	taacctctct	gggcctgttn	ctgactggng	aaacagacng	aanctttctt	540
atgaggtgga	ttaaagaccc	aatggaatta	atatnccn			578

<210> 7193

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7193

agacagagtc	tctctctgtt	accagggctt	taaggttttt	ggtagacaca	gggtctcact	60
atgttgccca	gtctggtttc	aagctcctgg	cctcaaatga	tcctcctgtc	tcagcctccc	120
aaagtactca	tattacaggc	atgagccacc	atgccctgct	gtaaattgtt	ttgaacagag	180
ggtgaaatag	gcttagggag	gaacatactg	agtctgaaat	agaacatcca	ggtggaggat	240
cagccatcag	tgagagctgc	acaaagggtca	tgattagagc	attgactcag	cctagagaag	300
ggagtcagag	ttcagacagc	cacaggcaat	tcctagagta	agtgaagaga	acaattttga	360
aaggcacctg	ctgaagaaaa	gcaattattc	attcctaaaa	ggcactgccg	atccttcaca	420
ttgaacatca	gaaaagggtca	cttctgaaac	aaggcttctg	tgggacaaag	aaaaactcta	480
ttctggtctt	aaaaatctca	aaacccgacc	cttttatggg	aaggttcatt	taaggnccta	540
nttagaaaaac	cgttcnonga	attggaac				568

<210> 7194

<211> 574

<212> DNA

<213> Homo sapiens

<400> 7194

gagacggagt	ttcactcctc	ttgcccaggc	tggagtgcaa	tggcgtgac	toggctcact	60
gcaacctccg	cctcctgggt	tcaagcgatt	ctcctgcctc	agcctcccga	gtagctggga	120
ctacgggcmc	gtgccaccac	accagctaa	tttcgtattt	gtagtagaga	tgggattttt	180
ccatgttggt	caggctggtc	tcgaactccc	gacctcaggt	gatctgccc	ccttggcctc	240
ccaaagtgt	gggattacag	gcgtgagcca	ctgcaccag	cccatatatt	catgttttag	300
ctcatgaata	caaccaattt	ctctgaagat	gatggattct	attaaaaaca	ggtgtttgtc	360
acatgactgg	ggattgtagt	ttactgaaac	acaaccaa	taggtagaaa	tcatgatcta	420
ataaagttag	catgtttaa	atgnatctnc	aattccagga	tttccatgag	acttgnagaa	480
cttctttttt	ttttttttta	gaaacagcan	gacattaaac	ctttactggg	ttttcncata	540
agnctgggcc	caccgttggg	gcctcnattc	caag			574

<210> 7195

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7195

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actatcgcca	acttataatg	cttaaaacttt	atgatcaata	gtaataaatt	acacgagata	120
ttcacacttt	attataaaat	agggtttgtg	taagatgatt	tttcccaact	gtaggttaac	180
atcagtgttc	tgagcacatt	taaggtaggc	ttggctaagc	tatgatattc	agtaggggat	240
gtgtatttca	tgcatttttt	acttacaata	ttttcaactt	atgggtggatt	tattgggaca	300
taaacccatc	ctaagtcaag	gagcatctgt	atacatgaag	ctaacattct	attcctatca	360
gacagtgtctg	ctctaaagta	tgtcactgca	aaacttaagc	cttcaagtaa	aatgatcaga	420
tttgatttct	agaaagatta	tatgccctgg	tgagactggg	ttaaagattg	aaagccgatg	480
naagctattn	cagttgctgg	ggcaaaaca	ggttagggnc	nggtttnaaa	catgtgccnt	540
aaanggt						547

<210> 7196

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7196

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tcatctgcct	tcccctctag	aaaggaagct	ccatgagaat	agaggccaaa	tctactcaaa	120
taactccacc	ttcccacaca	ttgtcaataa	tcatttacca	actgactgat	agagaagtgc	180
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gttggcattt	gctcttca	gctgcacccg	tggcgtggct	gggcttaggc	tgatctagtc	300
tggccttgac	tctaggctga	gggtgggaac	catgcctgct	ccacacgcct	ctcattccac	360
agccagagcc	gccgttccct	ggggcacgca	tatctcgtgg	ggaaaatcaa	gagcctaaga	420
aggcangcct	ggcaatgcca	cacatttcan	gcttctggtt	gngcccgtgn	ctngnaaaat	480
cttgggtggca	gaagcaagta	cccagcncaa	gcaacactnt	aagccatcac	cttcttcggc	540
ctggcaagga	tgcggt					556

<210> 7197
<211> 562
<212> DNA
<213> Homo sapiens

<400> 7197
agagaacact caccaaagct caagaagcag tgactattca ggatgattac agaggtaaga 60
gaaactagga attgttacta ggagcacctg atatatcaaa atgaaataaa tggcaccacag 120
ctctcctagc acaaacccta cctctcaggg gagtccagca gtctcttcct cctgataaca 180
tttttccatt tattctaggt cataggccct acatagctat gagagggaga ccaggagact 240
gaatgtgcct ggcaatagct atcttccata ggaatggctc attaagaata tcatttcatg 300
tcagatgggt agactgtatc gaataccatg agtggcaagg gttctgcttg gcaaggctct 360
gtttcaagga ctttcatgac cttatgtgat ccagtacatg cattcccca ttgcaatcac 420
tgccactat cctcatcatc cagcttcaat tgagatgagg cataaaggta agtctgngga 480
cccttctagc agaaaaaaat gccagangga atcacatgtg angnttttaa ggctttactc 540
tggctgaact ggggtaaacc ta 562

<210> 7198
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7198
cacgtttagt attttattat gaatcattat ttcaaagtcc catactgcat attcatataa 60
ggcaacacgg cacaatttca ggcttcatca caaaggatga aaaagactgt ttctaactcc 120
ctcctaattt gcanacatgc ttgaacactt aatggaaggt gaagtttatt ttgnggcccc 180
tcagttctnt ttcaagtcct ctagtanaaa gtctccatgg ngtgatcttc tgactgggta 240
naaccgcaa ttctctgctg tttttagtct ttgttccana tgactaatta catgacttgg 300
ctgcatttgt gaggggccga caccaacaca attaaaccag tgcaccattc agggccatag 360
ggtaggaggg accagggttc aagaaggaac ttgctgtgtg taggatctga gttggggcgg 420
ctctattccg actatccatc gatctccttt cctcatcctc aaaagcttcc tcccggcatt 480
ggcggnggca tcctgggact ggtgggacct cggatcccaa ggtcgtcatg gtgntctccg 540
cctcggggaa c 551

<210> 7199
<211> 562
<212> DNA
<213> Homo sapiens

<400> 7199
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tactgtaac ctccacctcc cgggttcaaa cacttctcct gcctcagcct cccgagtagc 120
tggggttaca gctgcgtgcc accatgcccc gctaattttt gtatttttag tagagacggg 180
gtttcgccat gttggccagg ctgatcttga actcccgacc tcaagtgatc agcctgcctt 240
ggcctcccaa agtgcgtggga ttacagggtg gagccgccgc gcctggcctg cctttacttt 300
tgattttgta tattaagcac agctacattt tagaaatctt aaccaaaggc cttaaacggt 360
cagaatacat ttattcactc aactcagaat accttttctt tggtaaattc tgagttctaa 420
ttttaaaagc cctangtggc ctttccgatg ggtattacag gngtaaaggg aaatgngatt 480

tgg naggt na ata accc tta cc cataa ata ag ga ta ct ag aa gt aa ga ct ta ca ttt tta 540
cca agt tnaa ta at ct aa ta gc 562

<210> 7200

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7200

ag ca cat tga gc ct at gt gt caa ag cc gt tt tt ca ac ac cg gc gt gt gt ctg att cc at cct 60
tt ca tt gt ct gg ct gt tt cg ttt tt at tt ta ag ac tt tt ta ta ac ag gt gc tt gc ag ttt g 120
tt ac ttt ttt gaa a aa at ca ag tt gt aa ac ttt at ga ca aa ta a aa at ga ag tt ct ta 180
aa at ct caa ct tg ag ca ga tat ga aa ta ttt aa aa cc ttt aa ag gc gt att ga ga aa 240
aa cc ag gt tt ttt aa aa aa ca ct tt gt ta tt ac aa aa gag ac gt ct tag gt aa aa 300
ta at tt ga aa cc ca t at gcc ca ca ga ta at gc ag ct ag tt ct ag tt at ct gg tc ag tgg a 360
cg aa ag caa gc ac tt ang g ttt ca g ct ca at tt t ct t ca tt t ct ta tc gt tgg aat 420
tc ct ag t ct gg tt ng at ga ct aa ac cg gg tg at gg ta ga ag gt aa gc ag cc gc ant t 480
ccc ac ct gg a acc ga ga at t ct ta ac tgg tgg g ca act g nt t ct ggg g ct ttt nnc at 540
ct tgg gg ttt ang g ttt t ct gg gcc an 567

<210> 7201

<211> 562

<212> DNA

<213> Homo sapiens

<400> 7201

ata ca t gt at att at tt ttt att gt t ga tt ctg ta ca c caa at gg at ta ca ag ca ga ct cc ag 60
ca ga ag ac ag acc ccc ca ac cct gcc acc ag gg ct ca ca ct ct ca a aa cc ct ga gg gc 120
ct ga aa t ct g ta aa t gc at cg ca ag ca c tgg gg ct ga tt tg ca gt aa t ct ct a ag ca 180
ag g caa ac at ga t ct ag ct t ga ag gc ag at ga ag gc ag cg gg tt gg tg ag aa ca at ct 240
ct c ct ta ag a ga ga ag aa cct ggg gc gg a ag ga gt ttt ccc cg ga agt gg ct t gcc ag 300
ccc acc ct ct ct ga acc ca gcc at gg ct ctt ccc a ag gcc act gt ct g ct t ccc a ac 360
aac gc ag at ca gt t ct ga c t gt gg g at ct ggg gg ct ga t ctt t ga at g ttt at gg ct 420
aa ag ct ag at ac at ct aa ca t ct gg ca ca act nt gg tccc ga gnta t ct ta act g 480
g ct g nt ctt gg aa act ttt tg ag tt gg aa gtt ctt tcca at ag ctt t ac at ag ca t ct g 540
aa ag gt t gt g aa at t gg gt cc 562

<210> 7202

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7202

gg ctt ttt at at aa ga at ttt at ttt ct ttt gtt taa ac acc ca ttt att ct ct ct c 60
aat ttt cat g at ca gg cc gg cg ca gt gg ct ca gc ct ta at ccc ag ac ttt tgg g ag 120
gcc ga gt ta gc g at ca t ag gt ca gg at gg ag ac ca t ctt gg ct aa ca ca gt ga aa 180
ccc at ct ct act aa aa ata ca aa aa at ag cc ag gc gt gg tgg cg gg gc gc ct gt ag t c 240
cc ag ct act tgg g ag g ct ga gg ca gg ag ga tgg ca t ga ac ct ggg ag g ca ga g ct tgc ag 300

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cagtaatttg	catgtgtgat	gccgctgctg	ctgctgttct	tggaagcaca	ccttgagaac	180
cactgcctgg	ggaacagctt	agctgctatg	agaatctgat	tctgtgttca	tattccgtat	240
cacagatagc	tcttggcttt	tcaattgtgg	tttctttttt	taatgtctta	ctaaggggga	300
aaaaaaggaa	cgccacttta	tataaacctg	accttttggt	aagcctgggt	agtaacttcc	360
catgtggagt	aaattaatct	ctttcatgca	tgccctcgtgc	tctggaaaaa	gtaaaacaga	420
ttngttaga	catttaccaa	gtactttttc	tggtggnggt	cactgcccta	acctatcaaa	480
actgggttct	acccttaana	acttacatgg	antaaggngg	catccaacaa	accagacntg	540
gagtcatggg	ngaggggc					558

<210> 7206

<211> 480

<212> DNA

<213> Homo sapiens

<400> 7206

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tcagtgagcc	ccagccaaga	tgaatgcaaa	gaaagtccta	tttaggcnc	tnatgggcag	120
actgctgaaa	atcaaagaga	gagaatgtgg	aaagcagctg	gggtgagtgg	ggtggggagga	180
gacaattata	cataggaaaa	caacgcctnca	aaagactgca	gacttntcat	agaatcaatg	240
caagtcagca	aacaatggaa	cggcctcgat	ggatctgcca	gtgtcagtc	canagcggac	300
cccaaaaagt	ttcaggcgtg	gactngcact	gtctgacatt	tccatcgatg	gcctgcatna	360
ngaattggcg	gtgaacatcc	tcttncatnt	ncactggggg	tggaagggtt	gaacctgccc	420
cccanaagg	aagcccgttn	ccgaatcaaa	tggcttaagc	ttgggctntt	gtgngcctt	480

<210> 7207

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7207

cttttccatt	cagaaataat	acttttggtt	gacttgaatg	tttattggct	aggactctaa	60
ttgaggaaaa	aaatacaaaa	aaaggatgca	aaatatatt	tcctatttag	aaggattttt	120
ttttctagat	ttcctgctac	tgctttactt	tcttgttgct	gaaagaaaa	tattttgtct	180
tcccgtgttc	tattttaaagt	ggagaataaa	aatgccaaat	taatgctatg	tattaatgaa	240
gcagagataa	atcctgtttg	gtaagaaaa	ctaaagggtc	aattccaacc	cagctatcaa	300
atctaaggct	gattttttatt	ggttttat	tgcccttaaat	gtattcaagc	aatatttggt	360
ctaaaaaaa	tttgtaggga	ggtagatata	tttgtgaaca	ggttgagctc	tccttacaac	420
gaacagcagc	ttctatcttt	caatgcaatc	tggcagaaag	actagctcat	cacaaagcag	480
aaaaggaatt	cattanttaa	aggtgaagga	ntggcccan	ccnttagccg	aanaaaattg	540
gctggcncng	aaagaccggt					560

<210> 7208

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7208

gagacacagt	ttcactctgc	tgcccagtct	ggagtgcagc	gggcaccatc	tcagctcact	60
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gcaacctcca	cctcctgggt	caagtgattc	tggtgcctca	gcctccagag	taggaactac	120
aggcatgtgc	caccatgccc	ggcttatatt	ttgtatattt	agcagagacg	gggtttcacc	180
atcttgcca	ggctgggtct	gaactcctga	cctcaggtga	tccaccacc	tcagcctccc	240
aaagtattga	gattgcaggc	gtgagccacc	gcgcccggcc	aaaataataa	tatgtttttt	300
atcctgacaa	acatgtacaa	tttagtgaac	cactttggaa	ctagtaccgt	gcactttacg	360
tatactttag	attctgaata	tacgaaaatc	ctaataattc	agaggagtaa	cactggctag	420
aaagttgcac	aatgaaaatt	ctatgncatt	taacaagttt	ttggtatatt	taagaacccc	480
ccaaggttnt	agaagccngg	tnttgatagc	tagggccctg	gccttaaggc	ccnagggtcta	540
natagncaag	gaaaaatn					558

<210> 7209

<211> 154

<212> DNA

<213> Homo sapiens

<400> 7209

cttttgagat	ggagtcttgc	tctgcttccc	aggctggggt	gcagtggcgt	gatctcggct	60
cactgcaata	tccaactccc	ggattcaagt	gattatcttg	acttaacctt	ctgagtagct	120
gggncaanag	antcgcgcga	acccnntag	cnna			154

<210> 7210

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7210

aagccttata	tttttaataa	aaaataaaca	gtctctgaca	agcagttttc	tgaatcccaa	60
aacaaaggaa	aagggagggg	gagagggtga	ggggtcagct	agggtaaagg	agtgaagaag	120
gctcagatta	cccctgccat	tctgccaggg	cagaagggat	cagagtctgc	cccaactgaa	180
gcaagaagaa	aggtggtcag	acttcaggga	agacttcctg	ggagtcagcg	gtgcacgact	240
ggtaagggaa	gcaggaggga	gcagatccct	gcatgaccct	gggagaaggg	agtgttggtg	300
tccaaagcgg	cagcttcaga	gtggagtttc	caggagtggc	atgttagcat	atgattgttt	360
agatgttttg	tgttcattac	cataggggtc	ctgggacagg	caggtttttt	aggggtctct	420
gaaacactgn	gtttctggan	ggtccctgga	atggncagaa	cttgaaggat	cctcttcagg	480
gtcttcaata	tcagtgtagg	aaccagtctt	gggggtagcc	cccaccttgt	tnaaaagctc	540
atggcttggn	aaaaagggag	nccctnn				567

<210> 7211

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7211

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caacctccgc	cttctgggtt	caagtgattc	tcctgcctca	gcctccacag	tanatgggac	120
tactggcatg	caccaccatg	cctggctgat	tttttttttt	ttaagtanan	agggggtttc	180
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cccaaaatgc	tgggattaca	ggcatgagcc	acaccagcc	aatggaanag	gcncctttta	300

anaatggaaa	aaagtgcctg	acatgacttt	cactttttcca	taaagagtgg	acgtttttaac	360
taaaggcaac	aagaaacnta	acatacagga	gagaaaaact	catnccaaag	ggagagagaa	420
aaagaataaa	gggggatcct	gaaaaaantgc	tacttttaaaa	ggcatntgcn	ccctgataaa	480
ggatttgacc	ctctaanggg	gcnacagtttt	ttttacncta	cgtctttttg	gcttacccaa	540

<210> 7212
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 7212	
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atgccagct	aatttttgta tttttagtag agacggggtt tcaccatgtt ggccaggatg 180
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aaattctcaa	atacaaaatc tatgaataag gatcaagtat acgttcattt ggcattttaa 420
gtacccaagn	tccttcatta tctgaggagg gcancatatg aaacttaatt agacttcttc 480
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<210> 7213
 <211> 532
 <212> DNA
 <213> Homo sapiens

<400> 7213	
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gtttatgata	caacaaaggg acttttaggc tgataaagtt atggaacatg agacttcagt 180
cttcttatta	aatggccaaa tggaccaagt gtttgcatga aagctaattc ttcctttcat 240
gaaaaggaaa	ttaaaccac ttgctccga atgggatgat tticaggagt cctgagccat 300
gttctggcag	aaagctgggg tctgtgacca taaagcagga ctgctgtcat ccaggcagat 360
aattattatc	aggaacgcct aacattgctt ctttctgcag tttcatgtgc cttgggtgaag 420
atgtaagctt	tctgaagact accttgcac agnctttgng ggctactcca tatatgagaa 480
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<210> 7214
 <211> 566
 <212> DNA
 <213> Homo sapiens

<400> 7214	
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caggcacgtg	ccaccaggcc cagccaattt ttgcattctt aatagagacg gggtttcacc 180
atgttgggtc	ggctgatctt gaactcctga cctcagggtg tccacttgct tcggcctccc 240

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acagggccag	gactagagcc	caggtctctg	gactctatgt	cccagacatg	attctttgat	420
ctcttggttg	tagcagggtt	gcaactagtg	tccaaactaa	tgcttggtga	tgaggacagt	480
ggcttggttg	aagtccatan	gggaactggc	angcacaacc	ttncctnagg	atcttgngtg	540
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<210> 7215

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7215

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ggattacagg	catgagccac	catgcctggc	taatttttgt	atttttcgta	gagacggggt	180
ctcaccatgt	tgcccaggct	ggttttgaac	tcctgggatc	aagtgatccg	ctcgccctgc	240
ctcccaaagt	gctgggatta	caggagttag	ccactgcgcc	cacctctgct	ttcattttac	300
ctcatgtgct	ctacatagca	atcagtataa	tcccttaaaa	atatagttct	aacgtaggaa	360
cagaaaacca	aacactgcat	gttctcactt	ataagtggga	gctgaacgat	aagaacacat	420
ggacacactg	tcgggggaac	agcacgaact	ggggccctt	ngggggtgca	aggtggaaaag	480
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<210> 7216

<211> 528

<212> DNA

<213> Homo sapiens

<400> 7216

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gaaaactttg	tattttgttaa	ttgggataac	ccaccatttc	aggcctcaat	tcccttttga	180
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aagcagcaat	tccgtgaagg	ctccacagag	aaatcgcggt	tgcatattca	acaagtttcc	300
tcaaagtaag	cgtcttttga	ttaaatgaaa	tcacaattcc	agcttcttat	ccacagaaaa	360
cagcattcac	tatgtaactt	actgcttttt	ataagtgcac	aatttctgnc	acagttaccc	420
acatatttat	accatttaac	aatactaagg	taaataatgg	atttatgggt	tggttcanga	480
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<210> 7217

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7217

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00322069462960

atatgtggac	tctaaaaatt	atatgttctc	tcttttttca	ggtttttctt	gtggcctaag	180
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taaatatcca	ttaatcattt	tttgattcga	tttaattaaa	gcctctatat	cttttattta	300
ctttttcatc	tgcttgcttt	attgaagtcc	aagggtgggt	gtgagtttat	taagttactt	360
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ccaagagtag	cacananggt	gctctttcaa	ggctctcttg	ggcagaagga	aaatcttcca	480
ccccaataaa	tcttgnttcc	cgttgnnggg	gggggagctt	atctgccaaa	gggggggtggc	540
aattttttcc	cccngggg					558

<210> 7218

<211> 545

<212> DNA

<213> Homo sapiens

<400> 7218

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ctgggattat	aggcgtgtac	caccacaccc	agctaatttt	tgtattttta	gtagagatgg	180
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tgggatgaac	aattncctaa	tttcanttct	atccaaatat	ttnttttgaa	naagggaccc	540
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<210> 7219

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7219

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ttttccccag	acattgcagg	ccaaattaga	gttaagatga	ggaaatcctt	tcagtcctca	180
cagaccagac	ttggctttat	aaaacataat	caagtcccac	tatacaacct	aggtgttagg	240
aagcaactag	agttttcaag	gtagatctgg	gcaacacgca	gacacctcca	tttctgaggc	300
tgaaggaaac	atgcaccagt	gctaactgcc	acgcatatga	aaaatgtgaa	ctcctagcac	360
ggtgacagta	gctgtatgct	gaataccatt	taatttaata	agcatttggt	tgttgaatac	420
cttatgcatt	caaataacag	agcacttctn	atcaacaatg	cttcagccta	ccaggattct	480
gaaaaggagt	cccaaatagc	tcaattttac	ctttggnant	ttctgctnaa	aaataaaaagt	540
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<210> 7220

<211> 542

<212> DNA

<213> Homo sapiens

09629469.07300

<400> 7220

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tacaggcacc	caccaccacg	cccggcta	gttttgtatt	tttagtanag	atgggggtatc	180
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caaagngctg	ggattacagg	cgtgagccac	cgcgcccggc	cctatttttt	gaaatcatat	300
ccatcttaaa	ctcattgaat	attcaaatat	gaggcttgga	aaaccacag	cacagctggg	360
gcatgaaaat	gggcttggtt	gacaagctga	ttcaactagg	ggggaaaaaa	gaggagggaa	420
gaaagcggca	atttatatgt	gtgaaatn	caactgggaa	tcaagnttan	ctgtttggaa	480
atnttcagc	tcattgggag	tntttgaant	ccagaaaact	tgggctttta	aagatggggg	540
ga						542

<210> 7221

<211> 444

<212> DNA

<213> Homo sapiens

<400> 7221

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cactgcacac	tctgntctcc	aggttcacgc	cgttctccag	cctcagcctn	tggggtagct	120
gggaccacag	gcgcgcacca	ccatgtccag	ctattttttt	gnatttttag	tanagacgga	180
gggaaggttt	caccgngtta	gccaggatgg	ntcgcgatctc	ctgacctcgn	ganccgcctg	240
ccttggcctc	ccaaagtgtc	gggaccacag	gngtgagcca	ccacgcccag	cctaaatgtg	300
actcaatgnt	aaattagttt	gcatttttagg	ctgggtgcaa	tggcttatgc	ctgtaatccc	360
ancactgtgg	gaaggcccan	gaaagcggga	tcacttgagc	ccagganttn	aanaccaacc	420
tgggcaacct	angggaaact	tngc				444

<210> 7222

<211> 549

<212> DNA

<213> Homo sapiens

<400> 7222

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tcagttcctg	attattgcct	gcattgtcag	actgattttt	ttctacaagt	agggtttgca	180
gaaactggat	ggatcatgatt	aaagcccatg	aatggaaagt	aacaatgaca	taaaaagctt	240
tctctgtatt	cattttttta	atgctgagtt	ttccccaatt	ttagttatat	acagttctga	300
agtatcacat	acattctgat	aaagaacatg	taagatctaa	ccactatcag	tatttaggga	360
aagaacatca	gattactgaa	acaagacagc	cagtgccttg	ttaaagcaga	tatgaaagca	420
atgtctgagc	acttagaggc	aaacaataga	atccagtttc	atcatattaa	ttaagccaaa	480
tcctatttat	taagagatat	taaggggtct	canaatcttc	aggagggccc	anggtaagtt	540
acctgccc						549

<210> 7223

<211> 536

<212> DNA

<213> Homo sapiens

09629469.072300

<400> 7223

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ngattctcct	acctcagcct	cccgaatagc	tgggcttaca	ggcatgcacc	accatgcccc	180
gctcattttt	gtatttttag	tanagacaga	atttcaccat	gttggccagg	ctggtttcaa	240
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ngtgtacttt	gnctaaatct	ttccccacat	tcaagacatt	tgtaaggctt	ttccccagtg	420
ngaattctct	ggggnntaat	gagggtttgc	actctgattg	aaacgtttcc	cacaaacngg	480
acatcctaag	ggnnttttccc	cangggggat	tttngggggg	ttaaaaaggc	caaccc	536

<210> 7224

<211> 131

<212> DNA

<213> Homo sapiens

<400> 7224

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caagctctgc	ctcctgggtt	tatgccattc	tcctgtttca	gcttcccagag	tagctgagnc	120
nnnagantnn	c					131

<210> 7225

<211> 552

<212> DNA

<213> Homo sapiens

<400> 7225

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ttacaggcat	gtgccgccac	gtccggctaa	cttttgtatt	tttagtagag	atggggtttc	180
tccatgttgg	tcaggctgggt	catgaactct	tgacctcagg	tgaaccgcct	gccttggcct	240
cccaaagtgc	tgggattaca	ggcggggagcc	actgcgcctg	gccagttacc	tacttcttag	300
agtagtggt	aagaatactt	aaactatcac	acttcaccag	cttacaacag	ggccaggcac	360
atgggaagca	atcagttggt	atcagtattt	actatgactg	atgccaccgc	catgtcacca	420
gtcaatggcc	ttccttccct	cctccaggat	ttactaacat	acatgtttta	tggggtaacc	480
nttcttaagg	tttccatggt	aaaccttttt	ctaggaagga	aaactggagt	taacattgaa	540
aactggggnn	cn					552

<210> 7226

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7226

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acaggcacct	gccaccacag	ccggctaatt	tttctatttt	tttagagat	ggagtttcac	180

catgttgccc	agggtggcct	cgaactcctg	acctcaaggg	atccgcccac	ctcagtttct	240
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cacaacccag	cactctaatt	acaaaaattt	gttttgttat	aactgaacat	tccctttcta	360
ttttagactt	tcttggctga	acatctctct	ccccagccc	tattcatttt	catcaccatc	420
agatntaaga	aaacncgaga	tcttataaag	ncaattttta	aaaccaggac	catggttgnt	480
aattcangga	aatngnaatt	tggaatccct	atactcaggc	tgnggcaatc	aancganitc	540
tggttac						547

<210> 7227

<211> 553

<212> DNA

<213> Homo sapiens

<400> 7227

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acaaccgccg	cctccctggg	tcaagcaatt	ctcctgcctc	agcctcctga	gtagctggga	120
ttataggcat	gtgccaccac	acccagctaa	ttttgtat	ttagtagaga	tggggtttct	180
ccatgtcggg	caggctgggc	tttaactccc	aacctcaggg	gatccgccc	cttcggcctc	240
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tccaatggca	cctgcaaacc	tgagtggcct	ngcctggggg	gaatttgctg	aactgaaggg	480
gggaatggct	anaataactg	ntttactgat	gggactccgg	cttcctttan	gggacatccc	540
caactgaatt	tgg					553

<210> 7228

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7228

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ggaaaatctt	ctagaaggta	gagttcatga	aatttccaaa	tatctcaatg	ttacaaaaac	180
tcaaaatggg	ggccatagtc	ataaagtatg	gcctccagtg	gatgagtgga	cgcgtaggag	240
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actctgttgc	ccaggctgga	gtgcagtggt	gtgatctcgg	cttactgcaa	cctctgcctc	360
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ccatcaagct	cagctaattt	tgnattttta	tagagatgtc	gtttcaccat	gttggccagc	480
taaaaatncc	aaaaattaac	tgggcatggg	ggtgcaccct	ggaatcttng	gcccctggga	540
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<210> 7229

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7229

09629469.02300

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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	180
nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	240
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nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	nnnnnnnnnnnn	360
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<210> 7230

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7230

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ttacaggcgc	ccgccaccat	gcccagctaa	ttctttgtat	ttttagtaga	gacagggttt	180
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aagtgcacat	tcagtagtgc	taggtatatt	cgcattgttg	tgaaaaagat	ctcccaatgn	360
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agcaaccacc	attctactgg	ttctatttat	ggaccccata	ttagtagaat	catatagnat	480
ttttcntttg	gaactgggct	tatttcactt	aacataangg	tcttaanggt	catctatgnt	540
ggggcatatn	ggangaattc	cttccttttt	aaa			573

<210> 7231

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7231

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ctgtatcttt	catgatgttc	ctgatttctc	tctttttttt	ttttcttttt	gagacagggt	180
ctcactctgt	tgcccagggt	ggagtgcagt	ggtacgatct	cagctcgctg	caacccctgc	240
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tantcctgag	caaggctttc	tatcangncc	ccangccact	taattaccgg	gttggagaat	540
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<210> 7232

<211> 575

<212> DNA

<213> Homo sapiens

<400> 7232

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cctccanagt	agctgggacc	acaggcatgg	gccaacacac	ctggctattt	tttttttttt	180
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attccaagga	tagggattag	gctaattctca	gaaaaacctt	tgaagaaaat	tgnaacctt	540
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<210> 7233

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7233

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tagctgggat	tacaggtgcc	caccaccacg	ctaggcaa	tttgtatttt	tagtagagat	180
ggggtttcac	catgttggcc	aggctgggtct	caaactcctg	acctcaggtg	atcctcttgg	240
acacctcagc	ctcccagagt	gctaggatta	caggcgtaag	ccactgtgcc	tcgcaacatt	300
tttcttctta	atgttcgtag	gaggctaaaa	agacaggga	atctttcctt	taacacgttc	360
ttttaagctt	ttatttgtgc	atgctgagca	atgtagcctg	taactattct	gtggctacac	420
tgcaaaagct	ttcttctgac	attaactctc	agttccgtaa	ctgcatgtta	agcatacccc	480
tacctgggaa	atatctcttc	tgggggaaaa	tccatngtga	cagcattaga	accccgaccg	540
gatanaaggn	ctgtggaatt	cgaatt				566

<210> 7234

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7234

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tacaggcacc	cgccaccaca	cctggcta	tttttttgca	cttttagtag	agacgggggt	180
tcactngtt	agccaggatg	gtctcgatct	cctgaccttg	tgatccacct	gccttggcct	240
cccaaagtgc	tggggattag	aggcgtgagc	caccgcgccc	ggcgacagtg	atttctttga	300
ggctagccat	tggctctttc	acttctgcat	ttccagcagt	tagtttgggt	tgacagcatc	360
cagcacagga	taggtgctaa	agggaaattt	gncatggata	ggaagggatg	ctccaatttg	420
gcttctgaga	accaggaatc	agaaacangn	gctcttcggt	ggctnggcta	acataaattc	480
aangaatggc	agggattcac	aagccnaatt	ggttgggaca	tcngccata	tggcntggaa	540
ttggttttta	aaaaatatca					560

09629469.072300

<210> 7235
<211> 568
<212> DNA
<213> Homo sapiens

<400> 7235
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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 240
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nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 480
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn 540
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnn 568

<210> 7236
<211> 564
<212> DNA
<213> Homo sapiens

<400> 7236
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tctcttcccc ccgcttgttg tcagctctaa atagcacact cacagcgagg ggggaaaata 180
tttttccttg tttcaagtgg gcagtgggaag tagtgaaagc ctaagtaaac tctgaccatt 240
agataatggg ccattataac tctggatgac ttctgaagg accctgaaaa atgacttctc 300
atttcctgcc tgcagaaaag agaaatatta ggatagtgtt gtgtgcaaaa aaatgcaagc 360
ttgcaatgag agatgcagag tgtgaggagg agaggcacga aggggggtgga gaaaaaagac 420
agagaatttg aggttgactc acggctttga agggaaaaca ggaagangaa gaaagtctgt 480
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cccatnaca cttgggcttg ccnc 564

<210> 7237
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7237
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tgtgctgcca tcctcggcta atcttttgtt ttctgtttcc tttttttttt tttttttttt 180
tttganatgg agttttgctc ttgttgccca ggctggagtg cagtggcgtg gtctcggctc 240
actgcaatct ccacctcctg ggttcaagcg attctcctgc ccagcctcc caagtagctg 300
ggattacagg tgccctgccac cagcccgagg taattttttg natttttagt ananatgggt 360
ttcaccatct tggccaggct ggctcgactc ctgacctcat gatccgcccg cttggcctcc 420
aaagcgctgg ggattacagg tgtnaaccac tngccccaac catttttgaa ttttttttga 480

0032/0"69462960

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ttgcctctgg n 551

<210> 7238
<211> 551
<212> DNA
<213> Homo sapiens

<400> 7238
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tacaggcacc cgccactacg ccagctaat tttttttttt tttttttttt tganatggag 180
tcttgctntg tcgcccaggc tggagcaaca aaaataaact taattcctct tggncacca 240
gttaccatc tgnacctntn tcacctcag ttctcaattc tnttccaaag atttgcata 300
aagttgatat ctggttatgc tctgatctac cagtcttgn atactagtgt gtgagaaaga 360
aacctgcctg ccacaatttg cttaccaact atttgaacat aacacctct atattagccc 420
taagaaattc tcaactaagt catgtgacaa gaattcctct atttgaacaa tnattccaaa 480
ccaggatttc actgggntca attttcaggg gtttancct ttgnttaagc cccaggaag 540
ttttnaaaaa n 551

<210> 7239
<211> 543
<212> DNA
<213> Homo sapiens

<400> 7239
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ggttttcttt ctcttcattc tgttaatgcg gtgtattaca ctgattttct tatgttgaac 120
tacccttgca ttctgtaat aaatcttgct ttgtcatact gtataatact tttaatattc 180
tgttacattg agtttgccat tattttattg agaatttttt acatttacag tcatatggaa 240
atattgcttt ttttttttct tgtggtgtct ttaggtagct ttggtataca tgtaataatt 300
gctccataga atgagttaaa aagtgttctt ttttagggaa gaaaactttt ttaaaaagga 360
ggtttggtg tcattattct tttcattttt ttttaacaga gtttgctctt ggtgccacc 420
tggaatgcaa tggccaatc tcagctcact gnacctcggc ttccggatca agcaatctcc 480
ggcttaantc ccaggacctg gatacaagca tgcgccacca tgccggctaa ttttttggtat 540
tta 543

<210> 7240
<211> 581
<212> DNA
<213> Homo sapiens

<400> 7240
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caacctctgc ctccgggtt taagcaactc tcctgcctca gcctcccaag tggctgggat 120
tacaggcatg tgctaccaca cctggctaat ttttgatttg ttagtagaga tggggtttca 180
ccatgttgtc caggctggtc tcgaactcct ggctcaggt gaccgcccc ccttagcctc 240
ccaaagtgc gggattacag gcatgagcca ccacgcctgg cttttgtttc gttttttgtt 300

tgtttgttg	tttttgagac	acagtttcac	tctgtcacc	aggctggagt	gtagtgttgc	360
aatctcaagc	ttaatgcaaa	ctccacctnc	tgggttcaag	tgattcttgn	gcctcancct	420
nttcgaagta	gctgagatta	cagggaagtgg	taccaccatg	cccggnttaa	ttttttggan	480
tattaagtaa	gaagacnggg	ctttcaccca	tggtttggcc	ggggttgggc	ttnaaacttc	540
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<210> 7241

<211> 570

<212> DNA

<213> Homo sapiens

<400> 7241

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acaacctctt	acctcccggg	ttcaagtgat	tttcttgcc	cagcctcctg	agtagctggg	120
attataagca	tgcaccacca	caccggctaa	tattttgtat	tttcagtaga	gacagggttt	180
ctccatgttg	gtcaggctgg	tctcgaactc	ctgacctcag	gtgatccgcc	ccgcctcagc	240
ctcccgaagt	gctcggatta	caggcgtgag	ccaccacgcc	cggccaaggt	ttccattttc	300
tgtgctactc	caaaatcctc	tcccttgcat	gtcatggaat	gcagccagcc	taacttccta	360
aactcaaaaa	catcccattg	aaattcctgg	tactcaaggc	tcctgctccc	acggtaggac	420
aagcttcagg	ctcccccaag	tgcantgtgg	gccaggagct	cgaactattc	ctngtttggc	480
ctgggtcaag	ctggtgaagt	ctgattcttt	ctcgtctaga	gcaggaaaaa	gggggggcaag	540
tttgaaatgg	nactatgggt	nctggaagcc				570

<210> 7242

<211> 433

<212> DNA

<213> Homo sapiens

<400> 7242

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caacctccac	ctcccagggt	caagcgattc	tcgtgcctca	gcctccctag	aagctgtgat	120
cacaggcgcc	cgccaccaca	cctggctttt	ttttttttt	gagacagagt	ctcattctgt	180
cgcccaggct	ggggtgcagt	ggcgcgatct	cggctcactg	ccagctctgc	ctcccgggtt	240
caggccattc	tcctgcctca	gcctcctgag	tagccgccc	gctgatttgt	ttttttttt	300
ttttgnagtt	ttagtagana	tggggcctca	ccatgttagc	ctagttttgn	atTTTTTTTT	360
agtaaaaaat	ggagtttcac	catgttggcc	anactggctt	gaactcctga	cctnaagnga	420
tctgnccgnc	tna					433

<210> 7243

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7243

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cactgctcca	cattgaagat	gctgaaatgg	gtggtcagg	ccttagtctt	ccttctagtc	120
tgtaacccc	acactccttt	aacagaacca	tgcttgctgc	ccttaccctg	tccacatccc	180
tgaaaggaaa	cgggtctctc	tcagccagat	gcagatagtt	gacactcact	gcctttgcta	240

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tggcaggggg	ctccttatga	ttaacccaga	acaggaaaaa	cttagtgtca	gctgaccgaa	300
aggaactcag	ccttaatttt	tcaaaaagtc	actctcattc	cagctatctc	caggaaggcg	360
ctggagtatc	ttcagcatga	gcacagagat	tcccactgcc	gaaatattcg	gaatactttc	420
cttgatttct	cagagagact	catggagtcc	gtttcanctg	gctggctaga	ctggttgtgc	480
cccaaganga	tgggtcaacac	tggttttcaa	cctggctctg	ctggggccct	ggcatctggg	540
tcanttcccc	attctcc					557

<210> 7244

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7244

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gcaacctccg	tctcctaggt	tcaagcgatt	ctcctgcctg	aggcttcccg	agtagctggg	120
attacaggca	tgcgccgcca	cgcttggtta	attttgtatt	tttagtagag	acagggtttc	180
tccatgttgg	tcaggctggt	ctcgaactcc	cgacctcagg	tatctgccag	cctcggcctc	240
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tttcattctt	atttaaaata	atatgacgac	gagcaagaat	cctgtttcca	gcttaacagg	360
cattaggaga	gaaaaaagat	naactaaaca	ggactggagg	ctgactaact	ggggggtagg	420
caggaaggag	aatttcaact	gtcagaataa	gaagggaata	gctngaaggc	agacaaccgg	480
accacctgga	aatgacccaa	tgctnttanc	cagggaacta	acttccatca	tggattttaa	540
agcccccaga	aatac					555

<210> 7245

<211> 501

<212> DNA

<213> Homo sapiens

<400> 7245

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actggcgtgg	catatgcctg	ttgcctatgt	atagtttctc	agtataaagc	ttttctgaat	120
tgtcagattc	tgtggacatt	tggaggctag	gaggtaagat	tccaaaacca	gcatgtcaac	180
caaagccaat	aataaggcct	ctcaaatacc	taccacatat	ctgaagagaa	acttttaaca	240
gttttacta	tatatataaa	acaaaaagtc	agaagagtaa	aaaagtccca	ttttaaactg	300
tatatatacc	atcttaattc	ttgtgttgga	ctatagtaaa	taacaaaatc	angncagggtg	360
cagtggctca	cgctgtgaat	cccagcactt	tgggaggccg	aggcggcaga	tcacgaggtc	420
aggagatcaa	gaccatnctg	gcgaacacng	gggaaacccc	gtccctacta	aaaatncnna	480
agattggccc	gngngtgng	g				501

<210> 7246

<211> 563

<212> DNA

<213> Homo sapiens

<400> 7246

atgaagaaaa	gaggtttaat	taactcacag	ttctgcaggc	tgtacaggaa	gcatggctgc	60
gaggcctcaa	gaaacttaca	gtcatggcag	aagggcgaag	ggaaagcaag	caccttcttc	120

acatggcaga	gggagagagc	aagcaaaggg	ggaagtgc	cacacttaac	cagatctcat	180
gagaactcac	tgtcatgaga	acagcaaggg	ggaaatctgc	ccccatgac	caatcacctc	240
ccaccaggct	ctacctccaa	gactcaggat	cacaattcaa	catgagattt	gggtgggggg	300
acacagccaa	accatatcat	tccaccctgg	cccctcccaa	atctcatgtc	ctcacatttc	360
aaaacacaat	catgccttcc	caatagcccc	ctaaagtctt	aactcatttc	agcattaact	420
caaagtgtcca	agtcaagtc	catctgagac	cagccaagtc	ccttccttct	gtgagcctgt	480
aaaatcaaaa	accagtcagn	tatttncaag	atccaatggg	ggatcnngca	ttgggtaa	540
gctcccattc	caaataggag	aan				563

<210> 7247

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7247

gacagagttt	cgctctttgt	tgcccaggct	ggcgtgcagt	ggcacaatct	cagctcactg	60
caacttccgc	ctcctgggtt	caagcaattc	tcctgtctca	gcatcccag	tagctgggat	120
tacaaacacc	caccatcacg	cctggcta	ttttgtattt	ttagtagaga	cgggggttca	180
ccatgttgg	caggctggc	tcgaactcct	gacctcgtga	tccgcctgcc	ccggcctccc	240
aaagtgc	gattacaagc	gtgagccacc	acaccagca	ataataggta	acttctaaga	300
cccatagcca	gtaagacgcc	cagctaggat	gtgaactcca	gtcctgtctg	agaacacctc	360
tcccactccc	ctggattgcc	ttgatgcctt	gagtcaggac	ctcaggagt	cacgcctctg	420
gaaagtcctt	agcacaggca	agctgtgccc	cgaagtggat	gcagtcattc	tgggaatacc	480
gggaaaagt	ggaatgcaag	ggaacatnca	catttaangg	gtangtggan	aaacgggaag	540
gaacccgaac	cagcccggaa	ggtagg				566

<210> 7248

<211> 545

<212> DNA

<213> Homo sapiens

<400> 7248

gananagggt	ctcactccct	gngcccaggc	tggagtgcag	nggcatgac	ttggctcact	60
gcagcctcaa	cctcccgaag	ctcaggngat	tctcctacct	cagcctcctg	agtagctggg	120
aatacaggcg	tgtgccgtca	tcctggnga	ttttgtattt	ttttgtanan	acgggggttc	180
accatgttgc	ccaggctgg	ctggaactcc	tgggctcaag	ngattcaccc	gcctcagcct	240
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ttaggacact	attcanattg	tattagggct	catgccaatg	gcttcattta	ctctaaatta	360
cctctttaa	gcccttatct	cctaataat	ccacattctg	cagtactgga	gggtagggct	420
tcaacataca	catttttgg	gaacacaatt	taccccataa	caaccagnca	atncccagta	480
acaaaaaaa	anncctggaa	tttgaggga	actcaaagng	gttggaaga	aactnttggg	540
ggcnc						545

<210> 7249

<211> 561

<212> DNA

<213> Homo sapiens

09629469.072800

<400> 7249

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caggctctgc	ccccccgggt	tcacgccatt	ctcctgcctc	agtctcccga	gtagggtggga	120
ctacaggcgc	ccaccaccat	gcctggctaa	ttttttgtat	tttttagcagt	gacgggggctt	180
ccccgtgtta	gccaggatgg	tctcgatctc	ctgacctcgt	gatctgcccg	cctcggcctc	240
ccaaagtgt	gggattacag	gcataagcca	ctgcgcccg	cctagttttt	aattttttaa	300
gctataattc	acataaccat	aatattcact	ctttaaaagt	acacaatcca	gtgttttttg	360
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tccaaaaaga	aatcccatac	ccattagctg	ncacttccta	ttatctttcc	cttaaaattc	480
tnggaaccnc	tnatctatat	tgggggttaa	ganctggctt	aacttggaant	ttacatgaat	540
gggataatcc	agaagnggtt	t				561

<210> 7250

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7250

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catcactcaa	gagtctacat	gatttggccc	caagatactt	ttcaaagttc	atttctcagt	180
tcataatagc	ccccatcaaa	ttactcatgt	tattgtactc	tgtttccacc	ccttccattt	240
tttttcttat	gtttatgcct	ttcttttttg	ttcctgtctc	tgcccttgatc	tacacccatc	300
tgattttcta	aactgtatga	agtgtctagt	agagtgcctg	ggacatagca	attgctctat	360
acgtggcaga	tgttattatc	tgaggttcct	aagtggatca	acccaaggta	tgttctttat	420
ttnnntattn	ntttatTTTT	tgggatggaa	tctcattcca	ttgcccagct	ggantgcant	480
gtgcaatggg	gaaatcttag	ttactggaac	ctcggctcct	gggggtcaagg	gatnctggga	540
ctacagggcc	ccccacntgc					560

<210> 7251

<211> 487

<212> DNA

<213> Homo sapiens

<400> 7251

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tacaggcaca	caccaacaca	cctggctaata	ttttaaatTT	ttttgtagag	acagggtctc	180
actatattgc	ctaaactgat	cttgatctcc	tggactcaag	cgatcctccc	accttggcct	240
cccaaagtgc	tgggattaca	ggtgtaaacc	gccgtgccca	gcaattttta	attttttgta	300
gagatgggat	ctccctttgt	ttgttgccca	agctggtctc	aaactcctgg	gctcaagcga	360
tcctcctgcg	tcagccttcc	aaagtgagat	tacnggtaga	aaccncttaa	aaacaatttt	420
ttatcttcag	cttttaangg	gnacatatgc	nggatgtgca	aggttggtac	atangnaaaa	480
ggtgttg						487

<210> 7252

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7252

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tacagggtgtg	agtcattgta	cctggccagt	caaccattgc	ttaaagcgaa	atatttctct	180
acattgctca	tatatagttc	acaaatttaa	agcaatactt	tcaaattgtaa	actaatgcaa	240
aatatgaaaa	aaatgttttc	attagtgaga	tgcataagaa	gataccactt	tatacccaat	300
aggatgacta	ttattaaaaa	agacagtgtt	ggcaaggaca	tgaagaaaat	ggaaccctta	360
cacattgatg	gtggaaacaa	aaatagtata	gctactgttg	aagacagtca	ggcggctcctc	420
aaaatattaa	acacagaatt	attttatgac	ccagcaattc	ccttctaaga	tcccccaaag	480
aactggaagc	ggaaatgcaa	catatctggc	attaggggtca	tagcagtatc	ccatagnenc	540
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<210> 7253

<211> 495

<212> DNA

<213> Homo sapiens

<400> 7253

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tacaggcgcc	caccaccacg	tccggctgat	gtttgtattt	ttagtanaga	cggagtttcg	180
ccatgtcggc	ggggctgac	ttgaactcct	gacctcaggt	caggatccac	ccgcctcggc	240
ttcccaaagn	gctgggatta	caagcgtgag	ccactgcgcc	tggcccaaac	atcttttatt	300
ttgaaaaggt	aaaattggaa	aaaagttgct	tgggtggacc	gcccgcggag	cgaagggcna	360
acccgcgctg	gcccctgcgt	ctggggccnc	natgctgacc	cccgggggttc	aacctnaacc	420
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<210> 7254

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7254

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aacctgcacg	ggaccatggc	actgacattt	gcttgggggt	tggaaaaggc	ctcatgaagc	480
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<210> 7255

<211> 562
<212> DNA
<213> Homo sapiens

<400> 7255
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tatattgtaa accacagcac atccagaaaa gtcgctctac caaatcctct ttcaacctca 420
actcttngg ccataatatg gtcagtgtaa cctcangccc tgggctccct aangggccta 480
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<210> 7256
<211> 520
<212> DNA
<213> Homo sapiens

<400> 7256
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<210> 7257
<211> 573
<212> DNA
<213> Homo sapiens

<400> 7257
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aatttgatgc atttcaaccc tgtctaaatt cccctcttta tgggccagac agatatactg 240
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cccaactgct tcatactntt ccatgatttt acn 573

<210> 7258
<211> 557
<212> DNA
<213> Homo sapiens

<400> 7258
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tctgatactt ttaaggnggc tttctgaaga taaaacctga tgtgtctgca atgctagant 480
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tnaaggaagg acaatcc 557

<210> 7259
<211> 493
<212> DNA
<213> Homo sapiens

<400> 7259
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ncctnccgct nna 493

<210> 7260
<211> 567
<212> DNA
<213> Homo sapiens

<400> 7260
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<210> 7261
<211> 570
<212> DNA
<213> Homo sapiens

<400> 7261
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gttccaaata ttgcgtgggg catattaatg ctngaaaant atctttggtt anctgaaatt 540
tgcgtttaac tnancacttt tggtttgggt 570

<210> 7262
<211> 563
<212> DNA
<213> Homo sapiens

<400> 7262
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gcccggccat tatttcattt ctttactgga tatctttgct tgctaaagtc tctgaatctg 180
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tggcttaaatt aatgttcaag gttgggcttg cttcctcatt aaaactgcat aattggagac 420
catggtttga gtcantgctc tctaaccttt cccgtanaga catgctttcg gttcctgggg 480
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<210> 7263
<211> 554
<212> DNA
<213> Homo sapiens

<400> 7263
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<210> 7264
 <211> 560
 <212> DNA
 <213> Homo sapiens

<400> 7264	
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ctttattcct	aacatgggtg
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tttcatttcc	atgttttagaa
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<210> 7265
 <211> 564
 <212> DNA
 <213> Homo sapiens

<400> 7265	
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ccatgtttgt	caagctggtc
ccacagtgc	gcgattacag
gagaaagggt	gaaggtcagg
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<210> 7266
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 7266	
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gggattacag	gcatgtaaca	ccatgcccag	ctaatttttg	tatttttagt	agagacaggg	180
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agagcttaat	ccccatcccc	tattccctgc	cgccctgacc	cccacctngc	caaaggctctg	360
tggactgagc	tgaatggtct	aaccctctac	ttacttgatt	tttcttggag	acaggcccaa	420
ccttangcta	tctangggca	catgctgcac	ctcattagct	taaactcang	gtntgatcaa	480
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<210> 7267

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7267

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tgagtaaacc	acactatgga	aagctttctc	ttcactggct	aaatcagtaa	actgtgtcca	360
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ttcagcaact	taacacttaa	caggagccaa	gagaaataag	gaaaaacatc	acttccaaaa	480
caagttggca	cacaccaagc	ataaccngaa	ctntttaaat	taagataatc	ccaatggnaa	540
gantnccnaa	actggcnttt	ggaa				564

<210> 7268

<211> 565

<212> DNA

<213> Homo sapiens

<400> 7268

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<210> 7269

<211> 568

<212> DNA

<213> Homo sapiens

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<400> 7269

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<210> 7270

<211> 272

<212> DNA

<213> Homo sapiens

<400> 7270

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acatgccacc	atgccctgct	ttttttttt	ttttttttt	tttggtattt	ttagtanaa	180
tggggtttca	ccatgttggc	caggctgac	tcaactcct	ggcctcaagn	gatccacccg	240
cctcggcctc	ccaaagnct	ganattacag	ng			272

<210> 7271

<211> 544

<212> DNA

<213> Homo sapiens

<400> 7271

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<210> 7272

<211> 547

<212> DNA

<213> Homo sapiens

<400> 7272

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<211> 569

<212> DNA

<213> Homo sapiens

<400> 7273

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<210> 7274

<211> 522

<212> DNA

<213> Homo sapiens

<400> 7274

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<212> DNA

<213> Homo sapiens

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<400> 7275

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<210> 7276

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7276

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tgggcttcag	ccgtcggtcc	aggaggccca	gcccaactgt	ccanaatgtg	acaggacacc	480
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<210> 7277

<211> 582

<212> DNA

<213> Homo sapiens

<400> 7277

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gcacatgcca	ccacgcttgg	ctaatttttg	tatttttagt	agagataggg	ttttaccatg	180
ttggccaggc	tggctttgaa	ctcccaacct	taggtgagat	ataagattct	tgaacttaag	240
taaaaatctt	gtggttctag	ccaggcatgg	tggctcaa	ctgtaaccct	tgcacttttg	300
gaggctgagg	ctgaggcggg	cagatcactt	gagcacagga	gtttgagacc	agcctgggca	360
acgtggtgaa	accatgtctc	tacaaaaaca	aacaaacaaa	caaaaaaatt	agccaggcat	420
gatggcacat	gcccgtagtc	ccagctactc	gggaggctga	gatgggagaa	ttgcttgagc	480
ccagtaggcg	gaggttacag	tgagcccaga	tcatgccatt	ccactncagt	ctgggcaaca	540
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<210> 7278

<211> 587

<212> DNA

<213> Homo sapiens

<400> 7278

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tctggcctgt	ccccccaaag	catagcctcc	accttctcac	ccttctccag	aggagtctcc	180
tccaccccca	caggagctgt	ggacaggccc	tgcagcccta	gggaaggagg	aagggtcctg	240
caagtagaca	ctaaggcaca	gocgsgccca	ggggtcataa	gggctcttct	ggcgggtggca	300
tctgctgggg	cttccagctg	ggcgggggct	ccacgcaacc	gctgaccatc	cagaagtagt	360
ttgggtgcac	ctggccctgc	acggcctcgc	taaccatcaa	ttcccatcc	actgcaaaca	420
cacctttccc	atccttgggc	tccaacggaa	ggcgaccacg	ggcacatata	ccaagtaggg	480
gcattcatac	tccatatgcc	tggccttttt	ccatggncag	gaaanaggcg	caacaacatg	540
gcaccgaaan	acttccgncc	ggacgtanaa	caagatgcat	gacncct		587

<210> 7279

<211> 583

<212> DNA

<213> Homo sapiens

<400> 7279

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tttgaataaa	ctggagatgt	gtataaataa	tttgtacatt	ttctatatag	ttcaataaaa	120
aattgcctta	actcccacct	ttacaattta	ttagtgtgat	gactttgggc	aagttagaaa	180
ttctctgagt	tataatttac	tcactgttaa	aatggggatc	aagtttatta	tgaggatcaa	240
ctctaattaa	gtactaatcc	cagtgtttac	taccactgaa	tgttaaataa	atattggttt	300
tcctcttcca	tccttcccca	tgcacaatcc	ctgttcccca	aaatggccaa	gatgatacaa	360
attgttgaag	ggcagacaaa	ccattgcatg	ggtccatacc	cagaaaagcc	tgttgggatt	420
ctgtctttga	aatggcaata	ggtgttaagt	gatgatgtta	ttcattcaga	tcacaaaagga	480
aaaattaaaa	taaaaacnaa	aaccaacaca	aggtatgaga	agagaattgc	ttcaatctaa	540
gagaacctcc	anggcngaga	atccagaact	ctntaaccat	cng		583

<210> 7280

<211> 462

<212> DNA

<213> Homo sapiens

<400> 7280

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gcaacctctg	cctcccgggt	tcaagagatt	ctcctgtctc	agcctcccaa	gcagctgaga	120
ccacaggcat	tgcaccat	gccagccaa	ttttgtact	ctcagcanaa	atggggtttc	180
accatgttgg	ccaggctggg	ctcaaaccct	tgacctcagg	caatccgccc	gtgttggcct	240
cccaaagtgc	tgggattaca	ggcatgagcc	actgcacccg	gccaacaaac	ttatttttga	300
ttattcaa	aactaagctc	taaaatggtt	tttctacact	atatttgagg	nataaaattg	360
gtattatcaa	taattttttg	gccangccac	gngngctcac	acctataatc	ccccagcact	420
ttgggaaggc	aaaggnggca	natcaccgcn	nggncaggag	tt		462

<210> 7281

<211> 338
<212> DNA
<213> Homo sapiens

<400> 7281
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gggtcttcca catcggtttc cgcggcacag aggtcatcca gggctgcctc ttcacagtcc 180
gtcacatcag gaagccctcg gatgagcatg ctgacccccg gcatcacctg gtcaaaactga 240
tgcaggacct ccacgcagtg catcatgaag agcttgnctt tctgcnatag gccgngcagc 300
agcagcaccg ngtcccgnan acagngcact gtccgcct 338

<210> 7282
<211> 575
<212> DNA
<213> Homo sapiens

<400> 7282
ctgagacata gtctcactct gtcacccagg ctggagtgca gtggcacaat ctcgactcac 60
tgcaacctct gcctcccagg ttcaagctac ctgaggcagg atgttcctgc ctcagccttc 120
caagtagctg ggattacagg cacacaccac tgcgcccagg taatttttgt attttttagta 180
gagacaggga ttcaccatgt tggcaaggct ggtcctgaac tcgacctcaa gtgatccgcc 240
cgcttggcc tcccaaagtg ttgggactag aggctgagc cattgtgcct gaccaactat 300
ttccttctta gtaactgtac agcatgctat aaaatgggat aaaccaagct ttccccccat 360
atggttcact gagaacatat tcctaaaaaa aaaaaaccaa atatgcctca aagtctttat 420
tactttgcca tttcttcatt cagatctctg ctcaaattgc acttaaaggg agataccttt 480
cttgacctct ggatcatctt agctccatca ttttctgcag gtaactttgn gataaaaaagt 540
ggatctattt gntagancn ccttaaaaatc ttggn 575

<210> 7283
<211> 576
<212> DNA
<213> Homo sapiens

<400> 7283
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caacctcccc ctcccggtt caagccattc tcctcctcag tctcccgagt agctaggact 120
acaggagtgt gccacctcgc cgggctaatt tctgtatttt tagtggagat gtggtttcac 180
catgttggcc aggatggtct caaactgctg accttgtgat ctgcctgcct cggcctctca 240
aagtgtggg attacaggca tgagtcaccg cgtccggcca ggaacctctt aacttctttt 300
gtgattttgt ggggaacaat ctgggcaaca gtattgaact aagaaagggt ttcaacctgt 360
ggcaggtcac cacacttctt ggtactcagc ccccaccag tgatgctgtt tgaggctgtg 420
cacctgctgg ggaccgtgtg tggtagggagg ggctccagag agtgctagag ttaatgcttt 480
tctggttaga agactatatg cttctcatgg cctcttgagg ttcaacangg ccttanaaag 540
catttccaac cacagagacc cctgctggnt ttctga 576

<210> 7284
<211> 563

<212> DNA

<213> Homo sapiens

<400> 7284

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gcaacctntg	cctgcocggg	tcaagcgatt	ctcctgcctc	agcctcccaa	gtagctggga	120
ttacaggcac	ccaccaccac	gcccggctaa	ttttgtattt	ttagtanaga	caaggtttct	180
ccatgttgg	caggctcatc	tcgaactccc	gacctcaggn	gatccgtccg	cctcagccac	240
ccaaagagct	gggattacag	gngtgagcca	cagcgcctgg	cggtttggcc	atatttttgt	300
gagcagttag	ccacttggta	tctgactaaa	agaaggtagc	aacatgttcc	caatatgaca	360
atTTTTTTT	atngctttta	aattcttcaa	actttgcctc	tgntaaatta	tnnatTTTata	420
tgccTTTatc	atccaaattt	TTTTTaaaag	ccctcccttt	aaaagccatc	antTTaatgg	480
gntgaaagtt	ntaatcnggn	cctaaaattt	cccctgaacc	acagcatgtt	aatncctgaa	540
taaaataaga	tccctaccta	aaa				563

<210> 7285

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7285

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ctggccggcc	agctctttat	ttggtagcgg	tccagagtgg	ccaagccacc	tgtccagaga	180
cacacagcca	atctgtggca	gggtcagcag	cgagctcagg	tcagggtctg	ctggctggct	240
ctgcctggga	catccacctc	acagaggcac	cacagttcca	agcgacgcct	gaagaatcct	300
gtcccttgca	gtgtcccaag	agcatcttcc	tgagcatcta	atctgatccc	tgtacaatc	360
ctgggtgcta	ggcagtggct	ttatcttcca	ctgagagata	aggaaatgag	actcagggtg	420
gtgaaatcag	accctggaca	gcaacagtgg	caatgaggac	tatggaaagg	gaagcttgtg	480
aacccaactt	catgntgttc	caaatctggg	gcaattttct	gaactcta	gccatttaac	540
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<210> 7286

<211> 575

<212> DNA

<213> Homo sapiens

<400> 7286

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cgtgccacgg	tggtttgctg	tacctatcaa	cccgtcatct	acattaggta	tttctcctaa	120
tgctatccct	cccctacccc	ccatccccta	acaggccccg	gtgtgtgatg	ttccccctcc	180
tgtgtccatg	tgttctcatt	gttcaactcc	cacttatgag	tgagaacatg	ccatgtctgg	240
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aaaggacatg	aactcatcct	tttttatgac	tgcatagtat	tccagcttca	tggaggtttt	360
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tatcacttaa	ttcattcttt	gcattctcct	acttttctc	actccaacca	tttctgggca	480
ttccaaagcc	cctaaagcca	gaattcattt	tgncatggtc	ttaacagaag	taagaacttc	540
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<210> 7287
<211> 548
<212> DNA
<213> Homo sapiens

<400> 7287
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ttatacccca tctctcacta aataccaaca attcctatta gctttttaaa taagtggttg 180
gtaaatgctg ctgagaaatg aagcaacttt tcaggctcta gaggacgcca gagcaaagcc 240
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ttacgtagga caccctccat ctcaagatgc tgctgcttta aggttgggga nggggctctt 480
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aaggttct 548

<210> 7288
<211> 558
<212> DNA
<213> Homo sapiens

<400> 7288
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tacaggcatg cgccaccacg cccagctaatt tttgtatatt tagtagagaa ggggtttctc 180
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caaagtgctg ggatgacagg cgtgaaccgc tgcacccggg ccaaagggtc acagaagacc 300
ttctctgggt gcaggggact ggaggtcatt tttcagatga gaaaaatggc cagagaggta 360
aatgggctta tagaagatcc ctccaggacct caggactgag aaacctatgt gatggggaaa 420
ctgaggtctg aggccacatt cgcttaccaa tcttggccac ttgatgatcg gggggcctga 480
tgacccagac gcccacaaact tgtccaacac gtggtnggaa aaaaggcccc aanggggttc 540
ggggcttggc cagnccn 558

<210> 7289
<211> 503
<212> DNA
<213> Homo sapiens

<400> 7289
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ggttttcagc tccatcaggt catttaagga cttctctaca ctggttattc tagttagcca 180
ttcgtctaatt cttttttcaa ggttttttagc ttctttgtga tgcgttcaag cttcctcctt 240
tagctcggag aagtctgatc atctgaagcc ttcttctctc aaactcgtcaa agtcattctc 300
catccagcgt tgttccattg ctgacgagga gatgcattcc tttggagggg gagaggcgct 360
ctgattttta gaattttcag cttttctgct ctggtttttc cccatctttg gggntttatc 420

009270.69462960

tacatttggn ctttgatgat ggngatgtac aggtgggggt ttggggggga ggcccttctg 480
gnnggtaagn tttcctttaa cng 503

<210> 7290
<211> 553
<212> DNA
<213> Homo sapiens

<400> 7290
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tcacagtcca caatcaaaca tatttttcaa atggtatcgt ctaccatttc ttgggtaggg 120
catatagtaa taggggcaag tgagtacttc taaacacaat atacatatag aataattacc 180
acataaagc attagaatac tttttttttt ttttttgaga cacctaggct gtcacctagg 240
ctgtcaccta ggctggaatg cagtggcatg atcccagctc cctgcaacct ccacctccca 300
gcttcaagtg attcttgtgc ctacagccacc caaatagctg gaactacagc atgcaccacc 360
acaccaggct aattttgtat ttaactcctg acctcaagca atctgcctct ctacagcctcc 420
caaagtgttg ggattacagg cgtgagccat cataccagc ctacttttta aaagataaag 480
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ttaanttata gcn 553

<210> 7291
<211> 553
<212> DNA
<213> Homo sapiens

<400> 7291
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tacaggtgcc cgccaccacg cctggctaatt tttctgtatt tttagtagag acggtgtttc 180
attgtgttag ccaggatggt ctogatctcc tgatctcgtg atccgcccgc ctcggcctcc 240
caaagtgtctg ggattacagg cgtgagccat ggcgccctggc tgcccatttt taaaattttt 300
attattattt ttctttcatg tcagacagggt aatgtgccaa tgtcataaaa gggttggggg 360
cgacatacct cacacatgtg tatgaacact caatcatcat gcttatgaac tacaaaagga 420
tcataggcaa gagttcaaag gatggaaaag aagtgaagga ggggtgcaatt gtggtgaatg 480
tggaagtgaag aggcgttcag gcngaaggcn caactntac agangcatta agccttagac 540
atatggctgg aag 553

<210> 7292
<211> 547
<212> DNA
<213> Homo sapiens

<400> 7292
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agacatgaac cagcatgcac ggctaactta aaattctttt cttctagaga tggggctctca 180
ctatatggcc caggctggtc ttgaactcct ggtctcaagc aatcccccca cctcggaactc 240
ccaggttgct gagattacag gtgtgagcca ctgtgctggc tgaattccag aactgtttca 300

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tcgccttaaa	tggaaccccc	gtccgcatta	gcagtcaccc	ccgtctcctc	caaccacaca	360
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ttttgntttg	agacagagtc	ttgccctgtc	gcctaggctg	gagtgacgtg	gtgcgatcat	480
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ggggaat						547

<210> 7293
 <211> 542
 <212> DNA
 <213> Homo sapiens

<400> 7293	
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ccatgttagt	caggctggtc
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gagccctagg	gtttggctca
ccaatggaag	gagtggggac
aaagcaaact	gtgcaggaca
gtttgcacaa	cttggagtca
gg	

<210> 7294
 <211> 557
 <212> DNA
 <213> Homo sapiens

<400> 7294	
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acttcagctt	ccaaataact
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aatcttgaag	ttcctaaatg
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<210> 7295
 <211> 553
 <212> DNA
 <213> Homo sapiens

<400> 7295	
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tgagaaatct	ccatactgct	ttccataata	gttacaccaa	tttacattcc	ccaccaacagt	240
gtatgagagt	tccctcttct	ccacatcctt	gccaacatct	gctattcttt	gtctttctaa	300
ccgccattct	agctaaggta	agatgatatc	tcattgtagt	tttgatttgc	ttttccctta	360
cacttagcaa	tgctgggcac	tgttcacata	cctgtttgtc	atttgatatg	ctttttttga	420
gaaatgtctt	tttatgtcac	ttgcacactt	tttaagtggg	attattgggt	atTTTTactg	480
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<210> 7296

<211> 550

<212> DNA

<213> Homo sapiens

<400> 7296

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agacaaatct	gatctctgcc	tcctccacag	cgccaccttg	ttcagggcag	gacttctctt	180
catcacagca	catccaccct	tgattcccat	ttngncctcg	tgtgcatttg	atgaacgaat	240
gaagtcccat	cccctactcc	ttctgtctcc	tccttcctcc	cagcagcctc	tgtgtgacaa	300
cttatccgtc	tctcccactg	tcccagttcc	cagaggcagg	agccaccctc	tcatgcatcc	360
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ggaggacctg	tggccccctg	ggttggcgaa	ccccgggccg	ggagtccac	tccttggcat	480
tgcgncccac	acattcatca	gcccctattg	gacaaaggct	tattccatta	ctgnnggttc	540
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<210> 7297

<211> 451

<212> DNA

<213> Homo sapiens

<400> 7297

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gcgtagcagg	cacgtctttg	cttttttttt	tttttttttt	tttganatgg	agtctcgctc	180
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gtgcccggcc	aattccctgt	attcctagta	nagacggggg	ttcaccgtgc	tagccacgat	360
ggcctcgatc	tcctgacctc	gtgatccgcc	cacctnancc	ccccaaagtg	ctgggaccac	420
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<210> 7298

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7298

agatgggggtc	tccatctgtt	gcccaggctg	gagtgcagtg	gtgcgatctc	ggctcactgc	60
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acaggcacgc	gtcaccacgc	ctggctaatt	tttgtatttt	tcgtagagac	ggagtttcac	180
catgttggcc	aggctggtct	ccaaatcctg	acctcagatg	atccaccac	ctgggcctcc	240
caaagtgtcg	ggatgacaga	caggcgtgag	ccactgcacc	cggccaataa	tggttacttc	300
tagctagata	ctactgtcat	gtttcaagat	ggctcactta	aacctgtact	tctggcagga	360
aagagaccca	aacccatgaa	gaatgagata	catgtacagt	tttgattata	aaaccaaaga	420
ataatggctt	cacaagatga	cggctgggct	cctgggctgc	cttcagtgnc	tttaaacagg	480
taatacagat	cttgctttct	tctctctctt	tttgagaaan	cttgctgnga	cagacacccc	540
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<211> 545

<212> DNA

<213> Homo sapiens

<400> 7299

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gtcagcaaag	gggagctctt	tttatcaata	actggtgctg	tggggccaca	ctgtgaagcc	480
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<210> 7300

<211> 555

<212> DNA

<213> Homo sapiens

<400> 7300

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tactccaagt	aacagactta	agatgttcaa	tattggaact	ctttggcatc	aactaaaaaa	180
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caaaaccgac	tgcgccagcc	ttggcgaagc	tccgcctact	gccctttgct	ccaagtaatt	480
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<210> 7301

<211> 538

<212> DNA

<213> Homo sapiens

<400> 7301

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cctcagctga	tgacctccag	acggccgtca	actgtgcctg	aagtggacgg	tgtcatgcgg	420
tatgaacaga	taagtgagaa	aagaacccat	gtagctctaa	accacacac	actatgaaaa	480
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<210> 7302

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7302

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cgtgcctggc	ctccttatga	gaatctaatt	cctgatgatc	tgtcactgtc	tcccatcacc	180
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gtggaatgtg	cttggattat	ccccaaacca	ttccccccac	ccccgcaccc	ctctatccgt	360
agaaaaattg	ccttccacaa	aaccagtccg	tgggtgccaa	aagggaacca	ctgccttggc	420
accaagtcta	aaacaacact	cttggcatgt	tttcttatcc	tgctttttct	tcctggaact	480
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<210> 7303

<211> 543

<212> DNA

<213> Homo sapiens

<400> 7303

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tacaggtgcc	caccaccacg	cccagctaatt	ttttgtatit	tagtagagac	ggggtttcac	180
cagtgttcct	cgattttctaa	atcagcccta	gtaacttcat	aatgttaagt	aataaaaagtc	240
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gcaattctag	tactgttaact	tcttgcctgg	attaaattta	aaaatgtaaa	atatacttag	360
gagcagaatc	tgacttttgt	ggattttatat	tataaattaa	tccaccaaag	acaagacttt	420
tgcacatatt	tcagtaaata	aacacactga	ttcatataca	tgcagccaag	caaatncaaa	480
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tgg						543

<210> 7304

<211> 480

<212> DNA

<213> Homo sapiens

<400> 7304

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tacaggcatg	caccgccatg	cctggctaata	tttttgtatt	tctagtagag	atgggggttc	180
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cccaaagtgc	tgggattaca	ggcatgagcc	accatgcccc	gcctggcatc	tctttttctt	300
tttttttgag	acggagtctc	gctctgtcgc	caggctggag	tgagtgaca	tgatctcggc	360
tcactgcaac	aacatccacc	tccacagttc	aagtgaactc	cctgcctnag	cctcccaagt	420
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<210> 7305

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7305

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aataatctct	taattaaaag	gctgggtctg	gcacagatca	actgaatatt	gcttaccact	180
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cagggaaggt	tttgtccatt	gnactacagt	ttctacatct	gcttctccag	atccattctt	480
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<210> 7306

<211> 550

<212> DNA

<213> Homo sapiens

<400> 7306

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catgtgccaa	catgccccagc	taattttttg	tatttttagta	gagacgaggt	ttcgccatgt	180
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gattgggttt	taagtttcct	gcacccagaa	gggtcctaac	cactacacaa	tctaattggt	360
actgtcacc	acaaatgaca	gtgggttggg	tacattgatg	acttattaca	tttattatct	420
catgccgatt	gtcataaaac	caaattattc	ccacctccat	ttttttctct	cctnccgacc	480
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accggggttt						550

<210> 7307

<211> 554

<212> DNA
<213> Homo sapiens

<400> 7307

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accccccagc	ctcccaaagt	gggtggaatta	caggcatgag	ccaccgccc	ggccgaaatt	300
atcacttcta	acacattcct	gggtgttgct	gatgctgcca	gtctggagac	cacactttga	360
gaaccactgg	gttaattttag	catctcatgg	ggagacagct	gtgctatagt	gaaatgagta	420
gacccttgag	atctacttgg	acacaaaactt	ctggggcagt	agttctcaat	tgggctactt	480
cacttttggg	gtcacctggg	gagcttttaa	aattcttgac	ccttgggntt	caaccacagac	540
caatttaaag	ggga					554

<210> 7308

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7308

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caccaccatg	cctggctaata	tttgtatttt	tttatacgta	gagaaggggt	ttcaccatgt	180
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gcaggcaagt	tacggctatt	cacactcctg	cagataaaca	cagaagtcac	cataccacaa	360
ctatttctct	aacgctgcct	tcgtcctgag	cttcctgtgc	tagtggcaag	tcagatgcaa	420
ggaaaatcca	nagtaaaaaat	aanaaaacaat	aacagggcaca	gtcttatcaa	gactgtgaaa	480
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<210> 7309

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7309

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caacctccgc	cccaccggat	tcagggtgatt	ctcctgcctc	agcctcccga	gtggctggag	120
ttacaggcgc	ccaccaccat	gcccagctaa	ttgtggtatt	tttagtagag	atgggggttt	180
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ctttatccac	attcttcggc	cttcaactcca	tgatcgtcag	actcagaaat	acctgggcta	480
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aagtggcctt	caatgccttt					560

<210> 7310
<211> 564
<212> DNA
<213> Homo sapiens

<400> 7310
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aaagagaaga tctgggctgt gctgggtgct gtttctactc atctttcgga nggtgtgact 480
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<210> 7311
<211> 557
<212> DNA
<213> Homo sapiens

<400> 7311
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ttgaacagta gtgtgtacaa taaatatctt ggatatttac gaagctttta tgactgattc 480
caaatgatg atttcagagt aagcatggga atctcatcan gccttcatct ggagctcttt 540
ttccaaagta aatagtt 557

<210> 7312
<211> 555
<212> DNA
<213> Homo sapiens

<400> 7312
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aagtgatccg cctgccttgg cctcccaaag tgctgtgatt acaggcgtga gacaccgcac 120
ctgggctcaa actaagaaat attaaaattt tcttcccttt aagattttaga gtaaaggcca 180
aataagcaca ctgatgtctt cccctcttct ataagtttaa aatgaaacct gaaagcaggg 240
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tctcaaattc ttctgatgtt cttttactcc taattgaatt gtgaatgttt tattatcaaa 360
attcacaaaa ttttgataga atgtgccaaa ttttctctga gttacaattt ctcatctaga 420
aacatttgct ttaaattctc atacatatcc aaaactgttc tgnccatttt ctgttgacta 480

ctttttctac cttgacttga gatctccaga agagatatcc ttggttgtaa caagaaaata 540
agctaatttt aaang 555

<210> 7313
<211> 303
<212> DNA
<213> Homo sapiens

<400> 7313
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ctcaagccat ccacctgctt cggcctccta aaatgctggg attacaggca taagccaccg 120
ngcctgcctc cagngagaca tttttaaggg gnggctccat gcatttgaag cttccaaaca 180
cccaacagaa tctcaccagt caccaataac caagatcctn tctgatcctg ngctaganaa 240
atccttaaag gaactagaan aatttccttt gncctttttt tttttttgan acggagtctc 300
gnt 303

<210> 7314
<211> 554
<212> DNA
<213> Homo sapiens

<400> 7314
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tttcagtaat attttctaata cttgttttct aacaagtacc atgcatctca gccaaactgt 180
gctactgacc tccaacacac cctgtgggtt tgaaactcag agcctttgct tcccagggtt 240
tacttcatct ggagtatcac tacctaataca cttccctctc cccttggtga aaacctgccc 300
gtatttcaag actctctttt tctatagtca tgcattttgt ttcagattta tgtattagct 360
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tctattttcc ccttaaaacta taaactgaaa tgcaaagaca tgtttttgtt ggggactcat 480
gtgacagtat gccaaataaga tttgaaacca tttaaaaatg gttggtggtt tgggtgattga 540
aaaccatata aatn 554

<210> 7315
<211> 550
<212> DNA
<213> Homo sapiens

<400> 7315
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gctgggacca caggcacggg ccaccatgcc cggctaattgt ttgtattttt agtagagatg 180
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taaccactcc gggggcccttt ccagctccag tgaatccgac ccctnctgac atcctcttag 480
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ttgctctgtn

550

<210> 7316

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7316

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ggagatttta	aaatgagata	gataagggag	caaaagttag	cacattacta	ttcaggagaa	180
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<210> 7317

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7317

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caggagctgg	cccttgacag	aaaacccttg	ttcctgggtat	gccggaaaaa	cttgccagag	480
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<210> 7318

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7318

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agctaatttt	tgtattttta	gtagagacgg	ggtttcaccg	tgttgccag	gctgggtctca	180
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caagcccctg	caccccgcca	aaagtaggta	tcattatcct	cattttacag	atgaggccaa	300
gggtactcag	agaggtttaag	taacttggcc	aaggtcacac	agaattcaga	atttacatcc	360

agggctgagt	cgatagctag	aactttcaac	cactccattc	ttgggggcat	ctcactgttg	420
ccaggacatt	accaacagaa	acatttggca	gatagggaat	taggttttct	tccccaccc	480
cgatcctata	ctgggagaaa	ataagaaccc	ttnccccga	catttggttat	cagnngatt	540
caaccggct	ggcgnc					556

<210> 7319
 <211> 559
 <212> DNA
 <213> Homo sapiens

<400> 7319						
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<210> 7320
 <211> 582
 <212> DNA
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<400> 7320						
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gctcacacct	ttaatcccag	cactttggga	ggcctgggtg	ggcagatcac	caggtcagga	480
gttcgagacc	acctggtcaa	catggtgaaa	ccccgtctn	tactaaaaat	tcaaaaaaat	540
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<210> 7321
 <211> 543
 <212> DNA
 <213> Homo sapiens

<400> 7321						
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tccagcaatg	ctgatgatga	ggngctgggg	tccccgagga	caggaggcct	ccaggaagga	180

09629469.072300

accggcctca	gtccacgccg	tccagggact	gnggcctntgc	cctntcgagc	tgtagcacct	240
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caaacctgtt	gtcctcaggg	ctgtagtctt	cggcgtggta	cncgggtgtg	agcgttgtca	360
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tcgggggtgca	aatgtgtctc	cacatgccga	ggagtttgca	aaacatgcct	gaagggccca	480
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<210> 7322

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7322

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tacaggcatg	ggccaccatg	cccggaaaat	ttattttatt	tttattttta	gtagaaacaa	180
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gccagttttt	atcagaaata	agttctgaat	gtattgtcaa	ttgtgaaaag	acaaaagatc	420
acagttccta	atattcagtt	ctaattggcat	ggttccccc	aatgtaaaag	ctgtgactga	480
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gcaaacaaga	gggccacttt	t				561

<210> 7323

<211> 534

<212> DNA

<213> Homo sapiens

<400> 7323

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actacagggt	tgcaccanaa	tccctggcta	aattttttgt	tggtgttttt	tgtagagaca	180
ggatctcgct	atattgccca	ggctgatctc	gagctcctgg	ccttaagcaa	tcctcccacc	240
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gctgtttana	tctttcaaaa	acatcaactc	ttctttttga	cgacaaaatg	gtgaataaat	420
taaattcaga	actacagttt	gtgaagacac	atgacattta	tgattcatga	aatagaaatc	480
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<210> 7324

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7324

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agtgtccccc	ccagcccaga	cagtacaatg	gctcagaaat	tacacataga	aatgacactc	180
ctccctccac	cctcgccaag	agctctgaac	cgcaaggccc	cacacaagaa	actgaatttc	240
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ggcccagctc	tgggggccc	gccttgccct	gcccctcctg	gttcaccttc	cccacaacag	480
ancgngcgac	accactgac	ttccccagat	tggaaagaag	accaaaggtc	caaggataac	540
gccggcgcc	tccttgggta					560

<210> 7325

<211> 557

<212> DNA

<213> Homo sapiens

<400> 7325

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acaggcgccc	gcaaccacgt	ctggctaatt	ttgtattttt	agtagacacg	gggtttcacc	180
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aaagtgctgg	gattacaggc	atcagccact	gtgcccggcc	tatcttagaa	gtcttaatga	300
ctggctacca	ctgtcagaat	aaaagcaaaa	acaagcagct	tgcaaaaggc	aactcctctc	360
ccagcacaat	agcatttttg	ttcaatgcta	cttgtaaaat	atcttttact	tcactccaaa	420
tcaatgcagt	tttaaataac	tggatttgaa	catttgtgga	aagaacaagg	gatgctgaac	480
agggataggg	aaggatttta	cattggcaaa	agcatgangg	cctgcctgtt	tcagggcatg	540
gctntgaaaa	gcttcca					557

<210> 7326

<211> 519

<212> DNA

<213> Homo sapiens

<400> 7326

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ccagcgccgg	cgcctagaga	aggcctccag	tccaggcctc	atggaagggc	ctgcctngcg	360
cggcccctca	acaccccaca	gtgtggcact	ggaagggacc	taaaaaccca	cctggccttc	420
tccttttccc	ttncaccacg	ttncaaaggc	ccaatgccgn	atnttaattt	cgcttttcng	480
gaaggtnaag	ggttaaaaagg	ggaggaattt	ttaaggngg			519

<210> 7327

<211> 552

<212> DNA

<213> Homo sapiens

<400> 7327

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aatctgaaaa	tgtgactaaa	ttaagaatgg	aatgttaact	agggtagaga	ggtctaaaaat	120
atacttttaa	aagtgatcag	agaggcactg	tttcatcaat	accctgtaat	gatttgcgtt	180
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gaaacaagtc	aactgccaaa	tctgtatgaa	aatttatatt	gcattatgga	accaaataata	420
atgttacatg	taaaacacaa	ttaaaatcat	tatcacagat	aataaaactt	acccaacag	480
aaacttaatg	ataattacca	aaggggcaac	tttgnatggg	ttggnTTTT	tattccacag	540
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<210> 7328

<211> 531

<212> DNA

<213> Homo sapiens

<400> 7328

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gngcagagct	actggctana	agtgcagtca	taaaggagca	gtggaaggca	ttggtctgaa	180
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catgctccag	ctccaggatc	tcccaggagg	cctgcaggac	aaatttcacc	gccttcagct	300
ccttggacgc	cttcttctga	atgacgctat	caaaatcaca	gtctagctgg	tacttgggtga	360
ttggccctgt	taggacagcc	aagggtgaact	caaggccatg	aacgtgtggc	tgaagggagt	420
gaagaacagg	aaggccagt	gactttaagg	gcctantaga	ccaaaaaggg	ccccagggcc	480
ctggaaactt	agggtcatt	tnttnccaan	caggaaactt	tggggccctn	t	531

<210> 7329

<211> 543

<212> DNA

<213> Homo sapiens

<400> 7329

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tacaggcgcc	caccaccacg	cccggccaat	tttttgtatt	tttagtagag	atgggggttc	180
accgtgttag	ccaggatggt	ctcgatctcc	tgaccttgtg	atccgcccgc	ctcggcctcc	240
caaagtgtg	agattacagg	cgtgagccag	gtgcctggcc	ccagagtga	aattaatgtt	300
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ataaataata	acaaacactg	taaagcaaaa	gaggcttatt	atttagagag	atataccaaa	420
aggaactgga	aaagttgaaa	atgactgctt	ctaangggct	tgggaaggga	atgggggaag	480
gactgctggt	tttcataaaa	agcctaagga	cttgatgggc	tgggatgcna	ctataggggn	540
ttt						543

<210> 7330

<211> 532

<212> DNA

0082/0' 6942960

<213> Homo sapiens

<400> 7330

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attacaggng	cccaccacca	cgcccggctg	atTTTTgcat	TTTTtagtana	gaanaggttt	180
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ctttaagctn	tttacaatcg	tttgaggga	aaagttatct	tcacacttcc	tccagtaata	360
aagggaaagc	tgcataggat	ggtggtggtg	actggccaac	ttcaggtccc	agaaaaatctg	420
gaaaggctgg	agattncagn	gagtgggaac	tcganaaggg	tagaatttgg	agtggtctnta	480
aggggaggcc	ttttcccaaa	ngggaaggcc	cctgggtang	gccaattggg	at	532

<210> 7331

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7331

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tttaataaca	ttgaggtttc	tttttgtctc	ttatgcctgt	gtctgtcttc	ttcattctct	180
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aggcagctgt	ggaacagtgg	gtggtagggg	gcatgtgggc	tcaggggacca	gagacaccag	360
gtggggatca	gggaagttca	gattgcgtga	ccttggacaa	cttatttcca	tgggcacttc	420
aactgccggc	tatgtaaaat	ttcccaaaaca	tgccaagaga	taagaatccc	acatgacctt	480
ggtaaaaaaa	gcagactcct	agatcacccc	agaccaactg	aaatcnga	aacttgaaaa	540
aggggcctaa	n					551

<210> 7332

<211> 538

<212> DNA

<213> Homo sapiens

<400> 7332

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tttcccactg	ccctatttta	caaacactct	tagctctgtc	tcctgctctc	ctctcctcca	180
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cccttcaaag	agggtcggag	gctgtcctga	agacagagat	tctttgggtg	ggttttgaan	480
aaaccaangg	ctgtgtgtgg	aaangggccc	nccttggaaa	cagngggggg	ctcatgan	538

<210> 7333

<211> 552

09629469.072800

<212> DNA

<213> Homo sapiens

<400> 7333

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cagcacagct	cccaggagca	cagccagacc	ccaaccaggt	gtgggatgag	gggtggatac	180
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ctgggtgggag	acagggcctg	ctgctgagcc	cctctgacca	gagtggctct	cctgggttct	360
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catagtgcag	acgacacaca	gcgccctatgt	aagggcctgc	tggaggaacg	ggaacccgta	480
tnccattagg	actgtgggct	tgggctcact	tattgcatca	gcttgacttt	atctntggct	540
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<210> 7334

<211> 556

<212> DNA

<213> Homo sapiens

<400> 7334

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aatcagacac	cctggatttg	ctgggncttc	tcttgggggt	actgggaant	tggaatggga	540
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<210> 7335

<211> 542

<212> DNA

<213> Homo sapiens

<400> 7335

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atctgggcca	caatctaggg	tgagccaccc	acagtgcctt	gctggacagg	gggttatgag	180
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ctatggcttt	gttgccctat	tgccaccagc	gcagaagcaa	tgtgctatac	cgtgagggtga	360
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gggtgctgtg	gcctgtctct	gttcccctca	cttctccagc	aatgggtctn	cttcaatgga	480
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05629469-072800

<210> 7336
<211> 546
<212> DNA
<213> Homo sapiens

<400> 7336
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ggtgagccgt tctgcctaag ggaacagccc cggccccctcc ctccggctcc tccccagcac 180
cgtctcctcc acccagtggc ctggccgtgg atgctgcctg tggcccagct ttgagacacc 240
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cctatt 546

<210> 7337
<211> 459
<212> DNA
<213> Homo sapiens

<400> 7337
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ttgaccaagc tggctctcag ctccctgggct caagcgatcc tcccatcttg gctcccaaaa 180
gtgctaggat tacagacttc agccatcgtg cccaaccatg tctataaatt ctttaagact 240
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cagactacag tagaaatgat tctatggatg cttgtgaggc tgggtcataa aggcaatgtg 360
gcctgactca tgggagtcct gagctacagt gtaagagggt tcaacactnt nagctgccat 420
gctgtgagga ancccaactg gntnatgcnn agagacaac 459

<210> 7338
<211> 544
<212> DNA
<213> Homo sapiens

<400> 7338
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cggctgctgg acaagctgtg tcaggagatc actctgcggg ctgtggctcc ccagtgcacat 180
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09629469.072800

ggct

544

<210> 7339

<211> 507

<212> DNA

<213> Homo sapiens

<400> 7339

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caggcacagt	agctcacgcc	tataatccta	gcactttggg	aggccaaggn	ggatgggtca	180
cccgtgatca	ggagttcgag	accagcctgg	ccaacatgac	aaaaccccat	ctctactaaa	240
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tnactccag	nctgggcaac	agagcgagac	tccatctcaa	aaaaaaaaaa	nnaaagagag	420
agacagggt	naccatgntg	ccccagctga	actcaaaact	ccgggcctaaa	naagggtccg	480
gccccgcttc	aagggcngga	atacagg				507

<210> 7340

<211> 540

<212> DNA

<213> Homo sapiens

<400> 7340

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acaggcacac	cccaccaccc	ccagctaatt	tttgtatttt	tagtacagac	ggggtttcac	180
catgttggcc	gggatggtct	cgatctcttg	acctcgtgat	ccaccgcct	cggcctccca	240
aagtgcctggg	attacagggg	taagccatta	cgcccgcca	gttttgtttc	ttttctcaaa	300
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caaagtgtct	ggatcttaag	gacacagggc	ctctaggcca	gccttcaacc	cacctggttt	420
tcagatctgt	gtcaccatga	ggggagcaga	tggtctgagg	atgggccccca	nccttcacag	480
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<210> 7341

<211> 551

<212> DNA

<213> Homo sapiens

<400> 7341

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<212> DNA
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<212> DNA
<213> Homo sapiens

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atgggcgcgt gccaccatgc ccagctaatt tttgtatttt cagtagagat ggggtttcac 180
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gcctttgacc	ttgctgacag	gaaganggga	ntgcangtct	gggcttccan	gggctgggtct	480
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<211> 547

<212> DNA

<213> Homo sapiens

<400> 7345

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acaaagtttc	caagaacata	cactggggaa	agaacagtct	tttcaataaa	tgggtgggtgg	360
aaaactggat	atccacatgc	agacgaatga	tacttgatcc	ctatctctca	ctttacacaa	420
aatcaagtc	aaaatggatt	aaaggcttaa	atctaagacc	tcaaactgng	aagtaccaca	480
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<211> 515

<212> DNA

<213> Homo sapiens

<400> 7346

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gataattttc	tattaagata	ttattcaagc	ctcagggtga	aaaaancctt	gaagatacct	420
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<211> 576

<212> DNA

<213> Homo sapiens

<400> 7347

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<210> 7348

<211> 561

<212> DNA

<213> Homo sapiens

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<210> 7349

<211> 484

<212> DNA

<213> Homo sapiens

<400> 7349

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<210> 7350

<211> 490

<212> DNA

<213> Homo sapiens

<400> 7350

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<210> 7351

<211> 571

<212> DNA

<213> Homo sapiens

<400> 7351

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<210> 7352

<211> 567

<212> DNA

<213> Homo sapiens

<400> 7352

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<210> 7353

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7353

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<210> 7354

<211> 417

<212> DNA

<213> Homo sapiens

<400> 7354

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aattatgcat	gtgtgggatg	caatgngata	ttttgatacg	tgtatacaat	gngaattgatc	360
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<210> 7355

<211> 564

<212> DNA

<213> Homo sapiens

<400> 7355

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<210> 7356

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7356

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<210> 7357

<211> 541

<212> DNA

<213> Homo sapiens

<400> 7357

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<210> 7358

<211> 433

<212> DNA

<213> Homo sapiens

<400> 7358

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<210> 7359

<211> 548

<212> DNA

<213> Homo sapiens

<400> 7359

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<210> 7360

<211> 148

<212> DNA

<213> Homo sapiens

<400> 7360

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<210> 7361

<211> 469

<212> DNA

<213> Homo sapiens

<400> 7361

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<210> 7362

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7362

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ggatcttttc	ctgagtggga	gtacatacga	ggtagggaag	agaaaacaac	aaaccagaac	180
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tcactctttc	ccaacttccc	ccagcccaac	cttttgccag	cttccttcac	tcactggaat	480
tttccctctt	ctactattnc	nggaaccatt	tatttcattc	aagccaggaa	gccatgccat	540
tgccagaaaa	cnccattttg	g				561

<210> 7363
 <211> 526
 <212> DNA
 <213> Homo sapiens

<400> 7363						
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tgtttacaga	taccaccac	cacacctagc	taatttttgt	attttttagta	nagacgggat	180
ttcaccatgt	tggccaggct	actctcaaac	tcctgacctc	aagngatctg	cctgccttgg	240
cctcccaaag	ngctgggatt	acaggcatga	gccattatgc	ccggctcatc	tcttaacaca	300
ctntgcccta	taacatcttt	ccaaaaatct	ttttttatgt	gggtgtgcct	ggtggggaga	360
aggaatggag	catttaacat	agtaaataaa	agttagatat	tccaaatttc	tcatttttac	420
actatgggat	aaggatgttt	aatactaagg	gaaaaattaa	ctggtggact	ggcttctata	480
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<210> 7364
 <211> 536
 <212> DNA
 <213> Homo sapiens

<400> 7364						
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gtgctgggat	tacaggcggt	agccactgtg	cctggccacg	aagttcagac	cgtagagttt	300
ttcataatgc	aattgaaacc	ttatatctt	atgtttcgga	caggctgggt	acttaactta	360
aatctttgaa	aaaaaaattg	aattcaactc	tcagaaagct	tatggccttt	tcagaaatta	420
taagtttaca	aatacctggc	atgcacttaa	gtgataggat	cagattanna	aangngcaac	480
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<210> 7365
 <211> 538
 <212> DNA
 <213> Homo sapiens

<400> 7365						
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tttcgagcag	caggttatgt	acacagtatt	aaaaaaggaa	tatagattgg	ggttggtttc	180
tttttttaaa	aaaaccagtt	tgagtagctt	atctggcctt	gtgtcaaaaa	caagccaaaa	240

09629459.072800

gttttggaaac	tggtctggaat	gtgctgaggg	gcaacttggg	aaaacggcag	ggctcactca	300
ttcctggggag	tatctgattg	acacagagga	cgctgttgaa	ctggggcctt	atctgaaaag	360
agacaaaagg	atcatccgag	tggaactga	tgggcccttc	tagttctcag	acactctaca	420
taggtataga	aagctttggg	cagtaaaaac	aaattagtga	actgaatgaa	attttaaata	480
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<210> 7366
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 <212> DNA
 <213> Homo sapiens

<400> 7366	
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aacatgattt	cataatagac
ataatagtct	gaaaaaaaaa
ttcaacctat	taagttctgg
ncatcttatt	ttaaaggggc
cccaggcttg	agtgcaagtga
agcgattctc	ctgcttcagc
cggctaattt	ttgtattttt
gaactcctga	cttcaggtga
gtgctcggcc	tcaaaaattt
tgcatactta	gtgttacgct
aattgtataa	aggaaagtct
gattttggna	actgaagacc
tatgctnaac	tnaantggcc
gctcactgca	
actgggatta	
gagtttcacc	
ttagcctccc	
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taaa	
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180	240
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420	480
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<210> 7367
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 <212> DNA
 <213> Homo sapiens

<400> 7367	
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cacagagtag	gaaaatgtat
ttgcagaatt	taaaaccttt
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tagatagcca	ataattttat
ccatttgccc	ttttcttgtg
tagaacatgt	gtccatgtgg
gcagatatag	aatgcaaaat
gtttangagc	tggggggtaa
ctcctgggct	caagagatcc
agccaccatg	cctggccata
attaatgaca	gtgaatatag
tttgtccaac	ttatcaggtc
cctgtaatat	gtttgatgag
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ctcatgggca	caatnt
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180	240
300	360
420	480
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<210> 7368
 <211> 545
 <212> DNA
 <213> Homo sapiens

<400> 7368	
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aacaccagcc	tcaggagagc
gcttttttca	gccaacagct
ccaaggaggg	tcaactcaaa
ctaattgatgc	ataattccta
ctgtctgcct	ttctcggcca
cttaggttga	gcaacactca
agggtcctaaa	
60	120
180	240

ttgggcagct	gggaaatctg	cactagagac	atgacaaaag	aagtcaaaaag	ggacacagtg	300
ggagaatgac	tgtcaaagag	gctggagttt	ctggatgttt	aaacctgtgt	ttgaaaagtc	360
ttacagatca	caaatacagt	cagtaaggaa	gcacaacccc	ttggtggcca	actggattat	420
catctgaaca	caccagacaa	tgattactga	ttacagaatg	gggaaaaggg	aagcanaggt	480
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cctgc						545

<210> 7369
 <211> 553
 <212> DNA
 <213> Homo sapiens

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ggggccgagt	cataagcaga
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ggccttaatt	tgg
	60
gttttttttg	agacagggtc
ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
tagagatggg	gttttgtcat
gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
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ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
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gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
	180
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ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
tagagatggg	gttttgtcat
gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
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ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
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gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
	300
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acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
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acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
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ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
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gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
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ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
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gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
acaaatcatg	attggtgcat
ggggccgagt	cataagcaga
gacaagccnt	tttggagaag
ggccttaatt	tgg
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ggctcgccac	aacctccacc
tgagtagctg	ggattacagg
tagagatggg	gttttgtcat
gcctacctca	gcctcccaaa
acgcattctt	tctatagtat
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<210> 7370
 <211> 548
 <212> DNA
 <213> Homo sapiens

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ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
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cagcctcaac	ctcctggggg
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ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
cctctnaa	
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cagcctcaac	ctcctggggg
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ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
cctctnaa	
	180
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cagcctcaac	ctcctggggg
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ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
cctctnaa	
	240
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cagcctcaac	ctcctggggg
tacagggttg	agccaccata
ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
cctctnaa	
	300
gagatagggt	cttgctctgt
cagcctcaac	ctcctggggg
tacagggttg	agccaccata
ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
cctctnaa	
	360
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cagcctcaac	ctcctggggg
tacagggttg	agccaccata
ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
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agctagaaaa	actggcagaa
tcatcactgn	caaaaataaa
cctctnaa	
	480
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cagcctcaac	ctcctggggg
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ctatgttgcc	caggctgggtc
ccaacgtgct	gggattatag
aaacttctta	gaagagacca
ggaagtactt	attttcagtt
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ggaagtactt	attttcagtt
agctagaaaa	actggcagaa
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<210> 7371
 <211> 554
 <212> DNA
 <213> Homo sapiens

<400> 7371	
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aaaaaagcta	agcaagtttc	tttactgaag	ggcttcttag	agccattaat	aagcttatta	240
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tcatagagca	tctcggagga	ccaagttttc	actttgagaa	acacttccag	aaacccagcc	360
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gaangatcta	taanggccga	ctnttttaaa	ctcantattg	ggagcccaaa	tagggttagg	540
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<210> 7372

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7372

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gccgcaactt	ttaaagaaat	tcagtcacct	gagggccact	gaatttcctg	ggcctccatg	180
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taattttcct	ttgcaggtga	aacagctcaa	catgcaagtg	actggcactc	accacaactt	360
cttgacgac	ttctcttctc	catgaagata	tttttgnctc	tcttgctcca	ctaggacgcg	420
ctgtcgtgct	acgggatccc	ccagtctctt	cattggttcc	atcactttgc	cactgatttc	480
agctcgggct	tnttcatcat	tggcctnagc	aacttctggt	ttgnanctgg	gaacnccaaa	540
aatcaacctt	agggggtntg					560

<210> 7373

<211> 560

<212> DNA

<213> Homo sapiens

<400> 7373

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aggcatgcac	caccaggccc	agctaatttt	tgtattattt	gtagagatgg	ggttttgcca	180
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aagcgctggg	atgacaagtg	tgagtcacca	agcctggctc	atttactctt	taacagaaaa	300
atttattgca	cagacatttg	taatgaatca	gtaacattaa	caaataatac	caacacacct	360
caatgccttc	atgctatact	taaaaaacag	aaggggagaat	gggatcactg	tgcaagaaat	420
aattcttcac	agaaagtttc	atgtgagggt	ttccaaaagc	ccccttgtag	ccattccctg	480
gtgggnactt	aactttcaag	gaactttccc	tgggaaagga	ggccttttat	attgnatttg	540
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<210> 7374

<211> 547

<212> DNA

<213> Homo sapiens

09529469.072800

<400> 7374

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aaaacaagtc	agcaagctct	taagagggca	gcaaattctt	cacaagtcan	agggctcctg	120
aaccacaaaa	aagacaagaa	gtgagtgtaa	gattataaaa	tgtaaatgat	gaaattccag	180
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ctttgtcatg	tatgactgag	cttgctttta	gctcttacac	tgaaaggaag	tctcatttca	300
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ctcttac						547

<210> 7375

<211> 561

<212> DNA

<213> Homo sapiens

<400> 7375

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aggtgtgagc	caccacacca	tgccacaga	aggctttaaa	catttccaac	gtgagtcata	180
cagtaactca	aaaattacac	gttgtcttct	cttacaagca	gtgacttcaa	agaacacatc	240
aaattcttcc	atatggttgt	ttacttcttg	taacttcata	gagaagtctc	tattaagggtg	300
tttggttaacc	cttggttttt	atttttaa	ggttaaagtt	taggaccccc	acgataaaaag	360
aatctgtgat	acaaagcttg	ggaacacctc	tagagagatg	tccaaaagaa	ggaacagata	420
accttatgac	aagcagaaaa	gggagttcta	taaactccct	gncttttaac	ccctgagcaa	480
atgnctcagc	atattctggc	atcggttcgc	tttatctcta	actctatctc	taaatncagg	540
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<210> 7376

<211> 508

<212> DNA

<213> Homo sapiens

<400> 7376

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ataggcacac	accaccatgg	ctggctaatt	tttgagaga	tgagattgaa	ctcctgggct	180
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aaaacaaaaac	taaatgaaaa	agaacctttc	tagctgggga	atgactgccc	ctcctgggggt	360
tagccaagtc	ttatgcatag	caagggtc	gccaggagta	tgcccttgat	ctgcaaaactg	420
accaatccag	agactccatg	ccgnctctag	cangcctgta	caccacagga	gacaatattc	480
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<210> 7377

<211> 559

009220" 69462960

<212> DNA

<213> Homo sapiens

<400> 7377

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tcgatcttat	atttgaggaa	tgggttgcaa	cacgattaac	cacatcttgc	ttcctccttt	180
ccttagcaat	ctcgtttgct	gcagcaacca	tccgtgcccg	cagctctctc	aaggatgggc	240
tgccgccagc	gccagctgcg	gogccgtccg	ccatcatcag	caaggcggcg	caattctgtc	300
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nggaggggcaa	ntntttttg					559

<210> 7378

<211> 481

<212> DNA

<213> Homo sapiens

<400> 7378

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cacaggcgcc	caccaccaca	cctggctaac	ttctctattt	ttagtagaga	cggggcttca	180
ccatattgcc	caggctgata	ccgaactcct	gacctcaagc	aatctgcccc	ccctggcctc	240
tcaaagtgtc	gggattacag	gcatgaggca	cggtggccag	ccattcaacc	attaatgcat	300
tacttttagtc	actcacggcc	catctcaatg	aaattgaggg	caaagaccag	ccggntcagg	360
cagtgtcagc	cctcanaatt	tattagtgag	ggcncactgc	gttcagggga	aggcatanag	420
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<210> 7379

<211> 558

<212> DNA

<213> Homo sapiens

<400> 7379

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aacaatcaat	catattgcc	gaagaatcaa	tgaccagcc	ctactgcacg	ccgagtgggt	180
gcgacaggct	tagatattgt	tagaggtttg	cttctgctgc	caaaccgttt	gcattctcct	240
ggggacagtg	ctctcctgat	gtgactctta	ttctgaattt	agagcagaag	gtggtggcat	300
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gtccccaaa	tgctctatgt	gccccagtg	angcccctgg	catgtgcccc	ctggctgagc	480
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cttgggcttc	ccggcaacn					558

<210> 7380
<211> 501
<212> DNA
<213> Homo sapiens

<400> 7380
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ttaacttcct gcatagctgg aactacaggc atgtgccacc acatcaggct caattttaat 180
tttaatttaa tttttttgag acatagtctc actctgtcgc ccaggctgga gtgagacccc 240
atttcaaaaa aaaaagtgcc aaatgngtcc cttcaattcc agtcagcact tttggaaaaca 300
cgcgtaaaat tgttgccaat gtgcattctg nggtgttggg agtcattgtg caaaatgcgt 360
gggcagcaag cactcttttg ngaaccaagt tctatgaacc accaagtatt ctttctctag 420
gctgaattcc aaggctntgg ttcaaaaanag tncagggttc tgaaaggaan gggattggac 480
tatggatgcn gnnttcttnt t 501

<210> 7381
<211> 501
<212> DNA
<213> Homo sapiens

<400> 7381
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tactgcaag ctccgcccc caggttcaca ccattttcct gcctagcctc ccaagtagct 120
gagactacag gtgcccgcga ccacgcccgg ctaatttttt gtatcttttag tagacacggg 180
gtttcactgt gttagccagg atggtcttca tctcctgacc tcatgatcca cccacctcga 240
cctcccaaag tgctgggatt acaggcgtga gccaccacgc ccggcccatt ttctgtcttt 300
tctccactgg ctttattttc tcctcaccgc gttccccctt accaaaaaaa agtggggcaa 360
ctaggccagt acaagacagt catcagcctc agggcctgtg cgcacacggg tgtgctggan 420
atgctggcat ggatgggggg ggtgggattt gcttgagtgc tcgtctntga cangnccant 480
naggnatggt tctctacatg g 501

<210> 7382
<211> 565
<212> DNA
<213> Homo sapiens

<400> 7382
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tgtgaaagcc aaaagaaaca actgctatag atcgccaaac ctactggta atatacggct 120
tttctttttt gctttgagaa ttgctcatca ttttccaca tgtaagttca cagacttta 180
tcaaaggctt cttttgtcat aactaccaat aatcggaact aggattttaa aaggctggta 240
ccagtctctc aagctactgc cttcccagct ctactgtatt caagacagca acctaaggct 300
gcaaacaact catgcttttag gaggaatga gcaaagagac atctctgaac cccgctaaag 360
atttcagcag gatggccagc atctcccaa aagccaagtt tccagctttc ccataatagt 420
tcaccaggct gtcacttttc atgnactttg atcccgnttt gccaaagttt tcttnccact 480
ttcctttatc aaggagggtcc ccagnccaac cttagccccg gaaccaagcc ncagatccga 540
aaganccnac ttttccggac aagan 565

<210> 7383
<211> 564
<212> DNA
<213> Homo sapiens

<400> 7383
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gatcaattag ttgtaaacac cactgcactc ggaccagcgc aaactcattc ttaacctaat 120
cacctaaaat aattcttata atctattctt cttcaggtaa aaatggagcc ctggatgtta 180
ttttaacgac ttgccatcct tcctgttttg agagtgtctt tgttaactgg tggcatacct 240
tcgtgaccgc gtcctacctt cctcattcag acctgtgctg ttcattgctg tattcccagt 300
cccttaaaaa gtactcaaca cgtgaattgc aaaatgaatt aacaactttg agggaggtgt 360
tattatcatc ctggctttac agatgaggaa actaaggttt acttagcaag attaagtaac 420
ttgcctangg gttacaaacc actagccagg aaacaaaccc acatntgacc ccaaaggcct 480
tggttttact ntancctact ggntagaaaa gctttttaaa ggcttgcctt ttggggccta 540
ctgggggagcag tttnttttta aagg 564

<210> 7384
<211> 484
<212> DNA
<213> Homo sapiens

<400> 7384
gagacagaga ctactctgt tgcccatggt ggagtgcagt ggtgcatct cggctcactg 60
caacctctgc atcccanatt caagngattc tcttgccctca gcctcccaag tagctgggat 120
tacaggcgcc tgccatcacg cccactggct aatttttttt tttgtatttt tagtaaagac 180
agggtttcac tatgttggcc aggctggtct cgaactcttg acctcaggng atctgccac 240
ctcggcctcc caaagngctg aaattacagg catgagccac cgtgctgggt ccctaactat 300
atatttccag gcaccatntg ggaggtactg gcttagcaga ctgaggcagg actgactcag 360
gggaagctga atgcctgcag tcagatccag agagcctttt ggacaagaag gggacaagcn 420
agaaccnng aagtcaggga agggggaaan ggaatcttgc agggcantat ancaancgtt 480
gagt 484

<210> 7385
<211> 563
<212> DNA
<213> Homo sapiens

<400> 7385
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gtctcctcac agtgacttaa cacctgcttg tgaattcctg caactatgta attacaacat 180
ggttgacatg caaagaaata tggcttatga gaatttaaaa gaaaaatcaa tggctttatg 240
tttattcatt agcagggtgag acaattattt ttgaaactaa cttttttttt aagatgccaa 300
cagcactttg ggaggccgag gcaggcagat cactaggtca ggaaatcgag accgtcctgg 360
ccaacacagt gaaaccctgt ctctactaaa aatcaaaaaa attatctggg tgtgggtggg 420
tgccgcctgg agtcccagct cttcaggang cttgtggcag gagaattgtt gactctggaa 480

gnggaagctt gaatgagcca agaatggacc actggacttc ancctggcaa canaangaga 540
cttcgnttcc aaaaannttt cca 563

<210> 7386

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7386

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tccacaccac agcacgcttc tgggggtccag gagaccgcct tcactactgt gctggccccg 180
cctgtgtacg ggccccgggg cggggccatc cagggtgcct gtggtgctca ccccccatg 240
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ctgaccaggg tgtaggcgga ggagccgccc agcaccatca tgttgctcgt ccaccagagg 360
aagctcttgg tctcctcgta ntagaacacg gncagcactg ctgggcacaa gccttggcgg 420
tgcccgacac aattgggggt caaccggact ggtgaacttg aactgnaatc ctgncacgta 480
anccnatggc aaagccnaac aggcgggcca anggnattaa tccccaaaa tgggcacttg 540
ccaaattggg caaagtaccc aagggtga 569

<210> 7387

<211> 554

<212> DNA

<213> Homo sapiens

<400> 7387

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gggaacttta gcacaaaaat caagtctctc ctagtccatc tagcttcccc ttcttcccca 120
cttaaaaaaa agaaaaaatt aaatcacaaa gtcccactta agtcaaaatc ttcttccgct 180
ttttcagcct tccttctctg agaccctggc ttagtcatct gagatggaaa gtctgctgaa 240
gatgggcagg cgtcttgagt tgtccaaggt cggggagtct gagccactgt ggctgctgct 300
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gtcaaactat tgaaggggac tcggacatgg gcccggaaga aggaagggtg gtcgggggag 420
ccacccccgg cagncccatg ctaggggcaa aaagcttggc agcttctggc tggaaaagca 480
aaangggat tgggccatcg gcanggtagg tgaanccngg aggcattgng ctcaaaaanaa 540
gggggggggn aatg 554

<210> 7388

<211> 497

<212> DNA

<213> Homo sapiens

<400> 7388

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ctgggattac agngcccg cactaagcct gactaatttt tgtattttta atanaaatgg 180
gatttcacca ttttggtcag gctgggtctt aactcctgac ctcaagngat ctgctcgcct 240
aggcctccca aactgctggg attacaggct tgagccaccg cccctgactc caaatgaata 300

tttgntctaa	tcttgctatg	gcgaatgcan	ttggtattga	ggtcttgtat	anacctgggt	360
tttaggatgt	agcagaactg	gattaatatc	ctgcatcacc	atttattaac	agcattgcta	420
aaacnaagct	atgnntcctt	tctgaaccct	ggtttctcat	cttaaaaaac	aagtnnttga	480
ataaattggc	cnttnta					497

<210> 7389
 <211> 560
 <212> DNA
 <213> Homo sapiens

<400> 7389						
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taacagctgt	tacaattctc	aaccatgact	tctaacgtca	gagaattcaa	agtatgaaca	120
tagtacacag	taatgaaaag	tatcaaaaaat	taatttacct	caaaaaagat	aaataaaaaca	180
ggtatattcc	accaatacat	aaacagatgt	ttgtgctaca	gtttaaaatt	tgctgtatac	240
aaaagatcat	agtccccata	atcagcttat	gatagaagca	agaatacatg	agccatttaa	300
attgtcagac	attatgcttt	ataaggtagt	cacagaagtt	caagcaataa	atacatacat	360
tagttcaaag	ccttacaata	gtacgcgcaa	gcagatgcag	aaaagcagat	ttgctattac	420
tagcaagcaa	tgatataaga	gtaaaaattc	atgaaatgca	tcaaagcaca	tttttcttag	480
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cgnccagcn	tttagggacn					560

<210> 7390
 <211> 562
 <212> DNA
 <213> Homo sapiens

<400> 7390						
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tccgccagcc	tctgcctccc	aaagtactgg	gattacgggc	gtgagccacc	gtgcacagcc	120
agtgacttct	taatataatat	cctaaagcgc	aagaggcact	ggatatttgt	ggagtcttga	180
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taaacaacgc	gctgacacaa	cgaccttgct	ccacaggtag	cccaaattgg	acaacctcga	300
tcagcatgta	gccccctcca	gaagacctta	taaaacttcc	ctccagcccc	tgccctcttg	360
cagacagccc	cttctctgta	gtggctacat	attgcaccct	tgcaatgaaa	tttcataact	420
tctctaataa	atgngcctt	tatttttctt	cccctacact	ggcttggtta	attccttacc	480
accggnacan	cagncccaag	caggcacact	tgnaagaagt	nctaacagtg	gagcaaacact	540
tattttcaca	gactntaggn	ga				562

<210> 7391
 <211> 561
 <212> DNA
 <213> Homo sapiens

<400> 7391						
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ttctgccgta	gccacctgag	agtagctggg	attacagggt	cctgccacca	cgctgggcta	180

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acttttgtat	ttttagtaga	gacggacttt	caccatgctg	gtcaggctgg	tcttgaactc	240
ctgacctcag	gtgatccacc	tgctctgccc	tcccaaagtg	cagggtgtgag	ccaccacgcc	300
cggcctgtgt	ggtatttttc	aaaatttcaa	caacaccgtc	ataaacagga	aaaccgtttc	360
acagagcccc	gatcacagag	tagttacctg	agggactgca	cgccgtgtct	ctcagacttc	420
acgaagaagg	ggaccttccc	gttcctgggtg	atatccacca	ggcctncctt	gtcatccagg	480
atcccgtant	ggatggcggc	gcggcatatg	ctaaacagct	ttatagacag	agttccaaaa	540
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<210> 7392

<211> 559

<212> DNA

<213> Homo sapiens

<400> 7392

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caagctccgc	ctcctgggtt	cacgccattc	tcctgcctca	gcctcccaag	tagctgggac	120
tacaggcacc	cactaccaca	cccagcta	ttttgtatt	ttaagtagag	acgggggttc	180
accatgttag	ccagcatggt	ctcgatctcc	gagatccac	tttatacaaa	agaaagggtg	240
tctccattct	taggaacatg	gaaaagggga	atccatactt	gtgtgaaagt	agcccctaag	300
ccacctccct	cctggagatt	ctaaggaaac	ttatcagccc	accatcccta	aagaactcct	360
cccaaggcct	caggcactgc	tcctttccag	gtttcagggg	gagcatgctc	cagcagccga	420
cctgtcccca	cccggcacca	gctgccacaa	cctgaaaatc	cgcttgctgc	caagagctgc	480
ctgagcccag	cccaagcttc	caccctgcct	tanagacagg	atccacctgc	tactctgggtg	540
agaagctnta	aaaagctac					559

<210> 7393

<211> 568

<212> DNA

<213> Homo sapiens

<400> 7393

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agaaatttaa	gatctaactt	ccatataggg	gggttatgct	cattaatccc	actccttatg	120
attgtaaatt	gaagagaaag	gatgttcccc	aaaggaatga	aggttggagg	aaaaccttta	180
gcccttcttt	tcagaagtaa	tttatctgac	aaggatggca	gaagaccaat	tattggcatc	240
tgctttcttt	ggccttctct	cttcctatac	tccatacctc	cagcaagcac	ttatgtattc	300
ttgggcttga	caagggtgag	gtcagggtgca	atcttctatc	cagctgatgg	ctctgtccac	360
tctaccaagt	caactcttcc	caagtttagg	ctccaaagtc	cagttacagg	gttagaataa	420
ataaaggcca	attcgatttc	cagtctaaac	tgcattctac	aatttggctt	cattggcaat	480
gcancacgta	tctgaatctc	catctcactc	ctcattctga	acttggagat	ttgatggctt	540
ccacaaaagc	ccanactcat	atggtttn				568

<210> 7394

<211> 566

<212> DNA

<213> Homo sapiens

<400> 7394

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gtctgtcacc	caggttggag	tgcagtggcg	cgatctcggc	tcactgcaac	ctctgcctcc	120
cgggttcaag	cgattctcct	gcctcagcct	cccgagtagc	tgggatgaca	ggtgcatgcc	180
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gccggagctg	cacttcttcc	tcttcttgnt	gcccgggggc	gcctcgtctt	cttgcccana	480
atctttaaaa	agctcttggc	atgtatangg	cccgnccaa	ggagccgttg	gttccgttca	540
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<210> 7395

<211> 569

<212> DNA

<213> Homo sapiens

<400> 7395

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caacctctgc	ctcccgggtt	caagtgatc	tcatgcctca	gcctccaag	tggcttggat	120
tacaggtgca	acaccaccac	acctggctaa	ttttgtatt	tttagtagag	gtggggtttc	180
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gttgtttttg	tttgtttctt	tttagagaca	agatcttgct	tgattgcccc	ggctggagtg	360
caatgacacc	atcatagctc	actgcaaaact	cgaattcctg	ggctaaagca	atcctcctgc	420
ctgagtcctc	tgggtagctg	taactacagg	cacacactac	cacaaacaac	taattttttt	480
tttttttttt	acagattctt	actatgttgc	caangctgat	ctgaaactnt	nagcctaaag	540
ngatcctcca	ctttgggcct	ctaaatatt				569

<210> 7396

<211> 573

<212> DNA

<213> Homo sapiens

<400> 7396

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catcctccca	cctctgccct	ccaagtagct	gggactacag	gtgtctgcc	ccatgcttgg	120
ctaatttttt	aatttttttg	tagagacggg	gttagccat	gttgcccagg	ctggtctcaa	180
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gagccaccgt	gccagtgag	caattttatt	tttatatcat	ctctggacct	cacattaatc	300
tatttttctc	agtaaaagta	tactgcaaac	aggctccagc	aatgacagtc	acatccagtt	360
cctcaaattc	tttttcttat	taagtatgtt	gagtaaactg	accgtgggtt	tgtgtataga	420
ctgataccaa	aggcctgacc	ctaaagccct	caaagactta	nagggctgta	gggacattag	480
acttcaaacc	catcatatcc	tctttctatc	cttgaaaaag	caacgcacaa	agactttctt	540
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<210> 7397

<211> 574

<212> DNA